



C.T.M. ADHESIVES specializes in the production of epoxy products that can be used for many different purposes. Our systems include a fast curing water based two component epoxy that can be used as a primer on either damp or dry surfaces, a flexible epoxy membrane used as an intermediate coat, and a 100% solid (solventless), two component, top coat epoxy that can be adapted to meet different needs (e.g. chemical resistance, solvent resistance, jet fuel resistance, anti-static, etc.). We offer a great variety of possibilities for the final coating's texture and appearance which include shiny, rough, and orange peel finish that will satisfy any client's needs or preferences. We also offer crack filling epoxies for both vertical and horizontal applications. In addition, we produce two component polyurethanes, both waterborne and 100% solid, that are used as a final top coat to give the final product an outstanding appearance, superior chemical and UV resistance.

C.T.M. ADHESIVES is pleased to announce that we have been working to decrease the impact of products on our environment. Since 2008, we have taken an enviro-conscious policy, developing a new product line that uses no solvents at all (e.g. 100% solid or water based). Abolishing the use of solvents eliminates the release of greenhouse gasses, mostly volatile organic compounds (VOC), into the atmosphere therefore making our company and products environmentally friendly. In addition, our efforts have earned us the approval of the Canadian Food Inspection Agency (CFIA).

C.T.M. ADHESIVES, proactive, responsible and doing our part for future generations.

Micheal Delle Donne
President

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TECHNICAL DATA SHEETS

**ECTR-color**
REGULAR EPOXY COATING SYSTEM**DESCRIPTION**

ECTR-color is a solventless two components epoxy coating system. It exhibits very good finish and chemical properties.

ADVANTAGES

- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odours
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Resist to many chemical products
- Can used on damp or dry surfaces

COLOR

Any

OPERATIONSURFACE PREPARATION:

Concrete surface must be clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Colour	Any	Light Amber	Any
Type	Epoxy resin	Amine resin	-
Viscosity (cps) @25°C	1500-2000	800-1100	1100-1300
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/li)	1.12-1.55	0.9629	-
Mixing ratio by volume	2	1	-
Mixing ratio by weight	100	43	
Gel time (100g @25°C)	-	-	40-50 minutes
Storage	12 months	12 months	-
Cure time	-	-	8-12 hours

MECHANICAL PROPERTIES OF CURED PRODUCT

	Test	Result
Compression resistance (psi)	ASTM D695	14000
Traction resistance (psi)	ASTM D638	6500
Elongation (%)	ASTM D638	6.7
Bond resistance (psi)	ASTM D4541	>300 (Substrate ruptures)
Hardness (Shore D)	ASTM D2240	75
Abrasive resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.10 g
Water absorption (%)	ASTM D570	0.3

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Removed contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Component A – Irritant – Contains epoxy resin. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact.

Component B – Irritant – Containes amines. Contact with skin risks to cause serious burns. Avoid eye contact. Avoid breathing vapours release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapours approved by the NIOSH/MSHA is recommended. Predict suitable ventilation. Consult the material safety data sheet for further information.

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**ECTR-Clear**
REGULAR EPOXY COATING SYSTEM**DESCRIPTION**

ECTR-Clear is a solventless two components epoxy coating system. It exhibits very good finish and chemical properties.

ADVANTAGES

- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odours
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Resist to many chemical products
- Can used on damp or dry surfaces

COLOR

Clear

OPERATIONSURFACE PREPARATION:

Concrete surface must be clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Colour	Clear	Light Amber	Clear
Type	Epoxy resin	Amine resin	-
Viscosity (cps) @25°C	600-800	1100-1300	800-1000
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/li)	1.09	0.9629	-
Mixing ratio by volume	2	1	-
Mixing ratio by weight	100	44	
Cure time (100g @25°C)	-	-	8-12 hours
Storage	12 months	12 months	-
Pot life	-	-	40-50 minutes

PHYSICAL PROPERTIES OF HARDENED PRODUCT

	Test	Result
Compression resistance (psi)	ASTM D695	14000
Traction resistance (psi)	ASTM D638	6500
Elongation (%)	ASTM D638	6.7
Bond resistance (psi)	ASTM D4541	>300 (Substrate ruptures)
Hardness (Shore D)	ASTM D2240	75
Abrasive resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.10 g
Water absorption (%)	ASTM D570	0.3

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Removed contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

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**ECTROP-Clear aggressive
EPOXY COATING SYSTEM WITH ORANGE PEEL FINISH****DESCRIPTION**

ECTROP-Clear aggressive is a solventless two components epoxy coating system with an orange peel finish. It has an exceptional resistance to abrasion and to a large number of aggressive chemical products. It may be applied on concrete, wood, metal and on any previously applied coating that is well bonded to the substrate.

ADVANTAGES

- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odours
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Resist to many chemical products
- Can used on damp or dry surfaces

COLOR

Clear

OPERATION**SURFACE PREPARATION:**

Concrete surface must be clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Colour	Clear	Light Amber	Clear
Type	Epoxy resin	Amine resin	-
Viscosity (cps) @25°C	28000-32000	17000-18000	17000-20000
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/li)	1.02-1.06	0.995	1.01-1.03
Mixing ratio by volume	2	1	-
Mixing ratio by weight	100	48	-
Gel time (100g @25°C)	-	-	40-45 minutes
Storage	12 months	12 months	-
Cure time	-	-	8-12 hours

MECHANICAL PROPERTIES OF CURED PRODUCT

	Test	Result
Compression resistance (psi)	ASTM D695	14000
Traction resistance (psi)	ASTM D638	6500
Elongation (%)	ASTM D638	6.7
Bond resistance (psi)	ASTM D4541	>300 (Substrate ruptures)
Hardness (Shore D)	ASTM D2240	75
Abrasive resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.10 g
Water absorption (%)	ASTM D570	0.3

HEALTH AND SAFETY

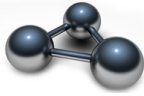
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**ECTROP-Clear light**
EPOXY COATING SYSTEM WITH ORANGE PEEL FINISH**DESCRIPTION**

ECTROP-Clear light is a solventless two components epoxy coating system with an orange peel finish. It has an exceptional resistance to abrasion and to a large number of aggressive chemical products. It may be applied on concrete, wood, metal and on any previously applied coating that is well bonded to the substrate.

ADVANTAGES

- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odours
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Resist to many chemical products
- Can used on damp or dry surfaces

COLOR

Clear

OPERATIONSURFACE PREPARATION:

Concrete surface must be clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Colour	Clear	Light Amber	Clear
Type	Epoxy resin	Amine resin	-
Viscosity (cps) @25°C	28000-32000	800-1100	11000-13000
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/li)	1.02-1.06	0.9629	1.01-1.03
Mixing ratio by volume	2	1	-
Mixing ratio by weight	100	46	-
Gel time (100g @25°C)	-	-	40-45 minutes
Storage	12 months	12 months	-
Cure time	-	-	8-12 hours

MECHANICAL PROPERTIES OF CURED PRODUCT

	Test	Result
Compression resistance (psi)	ASTM D695	14000
Traction resistance (psi)	ASTM D638	6500
Elongation (%)	ASTM D638	6.7
Bond resistance (psi)	ASTM D4541	>300 (Substrate ruptures)
Hardness (Shore D)	ASTM D2240	75
Abrasive resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.10 g
Water absorption (%)	ASTM D570	0.3

HEALTH AND SAFETY

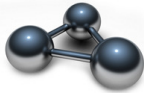
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**ECTROP-Color aggressive**
EPOXY COATING SYSTEM WITH ORANGE PEEL FINISH**DESCRIPTION**

ECTROP-Color aggressive is a solventless two components epoxy coating system with an orange peel finish. It has an exceptional resistance to abrasion and to a large number of aggressive chemical products. It may be applied on concrete, wood, metal and on any previously applied coating that is well bonded to the substrate.

ADVANTAGES

- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odours
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Resist to many chemical products
- Can used on damp or dry surfaces

COLOR

Any

OPERATIONSURFACE PREPARATION:

Concrete surface must be clean. Remove any dust, milt, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

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- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Colour	Any	Light Amber	Any
Type	Epoxy resin	Amine resin	-
Viscosity (cps) @25°C	9000-13000	17000-18000	12000-15000
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/li)	1.02-1.06	0.995	1.01-1.03
Mixing ratio by volume	2	1	-
Mixing ratio by weight	100	48	-
Gel time (100g @25°C)	-	-	30-35 minutes
Storage	12 months	12 months	-
Cure time	-	-	8-12 hours

MECHANICAL PROPERTIES OF CURED PRODUCT

	Test	Result
Compression resistance (psi)	ASTM D695	14000
Traction resistance (psi)	ASTM D638	6500
Elongation (%)	ASTM D638	6.7
Bond resistance (psi)	ASTM D4541	>300 (Substrate ruptures)
Hardness (Shore D)	ASTM D2240	75
Abrasive resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.10 g
Water absorption (%)	ASTM D570	0.3

HEALTH AND SAFETY

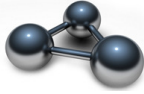
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**ECTROP-Color light**
EPOXY COATING SYSTEM WITH ORANGE PEEL FINISH**DESCRIPTION**

ECTROP-Color light is a solventless two components epoxy coating system with an orange peel finish. It has an exceptional resistance to abrasion and to a large number of aggressive chemical products. It may be applied on concrete, wood, metal and on any previously applied coating that is well bonded to the substrate.

ADVANTAGES

- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odours
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Resist to many chemical products
- Can used on damp or dry surfaces

COLOR

Any

OPERATION**SURFACE PREPARATION:**

Concrete surface must be clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

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APPLICATION:

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RESTRICTIONS:

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- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Colour	Any	Light Amber	Any
Type	Epoxy resin	Amine resin	-
Viscosity (cps) @25°C	9000-13000	800-1100	3500-5000
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/li)	1.02-1.06	0.9629	1.01-1.03
Mixing ratio by volume	2	1	-
Mixing ratio by weight	100	46	-
Gel time (100g @25°C)	-	-	30-35 minutes
Storage	12 months	12 months	-
Cure time	-	-	8-12 hours

MECHANICAL PROPERTIES OF CURED PRODUCT

	Test	Result
Compression resistance (psi)	ASTM D695	14000
Traction resistance (psi)	ASTM D638	6500
Elongation (%)	ASTM D638	6.7
Bond resistance (psi)	ASTM D4541	>300 (Substrate ruptures)
Hardness (Shore D)	ASTM D2240	75
Abrasive resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.10 g
Water absorption (%)	ASTM D570	0.3

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Removed contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Component A – Irritant – Contains epoxy resin. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact.

Component B – Irritant – Containes amines. Contact with skin risks to cause serious burns. Avoid eye contact. Avoid breathing vapours release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapours approved by the NIOSH/MSHA is recommended. Predict suitable ventilation. Consult the material safety data sheet for further information.

IMPORTANT NOTICE

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**ECTCR**
CHEMICAL RESISTANT EPOXY COATING SYSTEM**DESCRIPTION**

ECTCR is an epoxy coating system. It exhibits very good solvent and chemical resistance. It is suitable for use in direct exposure in manufacturing facilities, warehouses, laboratories, dairies, breweries, chemical plants, paper mills, food processing and pharmaceutical manufacturing.

ADVANTAGES

- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent allowing for interior application without harmful odors
- Excellent adhesive properties allowing application on other firm and hard coatings as well as a good bond to the substrate
- Superior chemical and solvent resistance
- can be used on damp and dry surfaces
- Exceptional abrasion resistance

COLORS

Any

OPERATIONSURFACE PREPARATION:

Concrete surface must be clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Colour	Any	Light Amber	Any
Type	Epoxy resin	Amine	-
Viscosity (cps) @25°C	3000 -4 200	1100 -1300	2000 - 2500
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/li)	1.29	1.02	-
Mixing ratio by volume	2	1	-
Gel time (100g @25°C)	-	-	20-30 min
Storage	12 months	12 months	-
Full film cure	-	-	4-6 days

PHYSICAL PROPERTIES OF HARDENED PRODUCT

	Test	Result
Compression resistance (psi)	ASTM D695	14000
Hardness (Shore D)	ASTM D2240	80-85
Traction resistance (psi)	ASTM D638	6500
Elongation (%)	ASTM D638	6.5
Bond resistance (psi)	ASTM D4541	>300 (Substrate ruptures)
Vehicular traffic		16 hrs
Abrasion resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.05 g
Water absorption (%)	ASTM D570	0.1

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Component A – Irritant – Contains epoxy resin. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact.

Component B – Irritant – Contains amines. Contact with skin risks to cause serious burns. Avoid eye contact. Avoid breathing vapors released from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Provide suitable ventilation. Consult the material safety data sheet for further information.

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**DESCRIPTION**

ECTCF is a sag resistant structural epoxy paste system designed to repair vertical or horizontal cracks. It has excellent adhesion to concrete, masonry, wood, metal and plastics.

ADVANTAGES

- Easy to apply and clean
- Suitable for interior application
- Zero VOC
- Very low odor
- Excellent adhesion to walls
- Can be used on damp and dry surfaces
- An epoxy coating may be applied 60 minutes following application

COLORS

Any

OPERATION**SURFACE PREPARATION:**

Concrete surface must be clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods.

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a trowel or a putty knife.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Colour	Any	See annex	Any
Type	Epoxy resin	Amine resin	-
Viscosity (cps) @25°C	120000 - 140000	70000 - 85000	80000 - 100000
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/li)	1.12	0.925	-
Mixing ratio by volume	2	1	-
Mixing ratio by weight	100	41	-
Gel time (100g @25°C)	-	-	45 - 60 minutes
Dry to touch	-	-	2 - 4 hours
Light traffic	-	-	12 - 24 hours
Final curing	-	-	2 days
Storage	12 months	12 months	-

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Removed contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Component A – Irritant – Contains epoxy resin. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact.

Component B – Irritant – Contains amines. Contact with skin risks to cause serious burns. Avoid eye contact. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Predict suitable ventilation. Consult the material safety data sheet for further information.

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**DESCRIPTION**

ECTM is a solventless, two components epoxy membrane designed to be used as a layer to bridge new cracks in concrete. It exhibits very good mechanical properties, such as high elongation and tear resistance, as well as good chemical resistance.

ADVANTAGES

- Dense surface resistant to bacteria and moisture
- May apply several layers on itself
- Contains no solvent allowing for interior application without harmful odors
- Excellent adhesive properties allowing application on other firm and hard coating, as well as a good bond to the substrate
- Superior flexibility

COLORS

Any

OPERATIONSURFACE PREPARATION:

Surface must be clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Color	Any	Light Amber	Any
Type	Epoxy resin	Amine resin	-
Viscosity (cps)	10000-12000	1100-1300	8000-10000
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/L)	1.2	1.00	-
Mix ratio by volume	2	1	-
Mix ratio by weight	100	41	-
Shelf life	12 months	12 months	-
Gel time (100g @25°C)	-	-	60-70 minutes
Cure time (100g @25°C)	-	-	8-12 hours
Waiting time between coats (hrs @ 25°C)	-	-	12-24 hours
Foot traffic	-	-	12-24 hours
Light traffic	-	-	4 days
Normal traffic	-	-	10 days

PHYSICAL PROPERTIES OF HARDENED PRODUCT

	Tests	Results
Tensile strength (PSI)	ASTM D638	569
Elongation (%)	ASTM D638	189
Bond strength (PSI)	ASTM D4541	782 (5 days dry cure)
Hardness (Shore A)	ASTM D2240	85-95
Abrasion resistance	ASTM D4060	-
CS17 / 1000 cycles / g	-	0.10
Water absorption (%)	ASTM D570	0.6

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Component A – Irritant – Contains epoxy resin. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact.

Component B – Irritant – Contains amines. Contact with skin risks to cause serious burns. Avoid eye contact. Avoid breathing vapors released from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Provide suitable ventilation. Consult the material safety data sheet for further information.

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**LECTR**
EPOXY COATING SYSTEM FOR SAFETY LINES**DESCRIPTION**

LECTR is a solventless two components epoxy coating system designed for safety lines. It exhibits very good finish and chemical properties.

ADVANTAGES

- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odours
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Resist to many chemical products
- Can be used on damp or dry surfaces

COLOR

Any

OPERATIONSURFACE PREPARATION:

Concrete surface must be clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies (SCT-0001). Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Color	Any	Light amber	Any
Type	Epoxy resin	Amine	-
Viscosity (cps) @25°C	30000-35000	5000-7000	28000-30000
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/li)	1.29	1.02	-
Mixing ratio by volume	2	1	-
Mixing ratio by weight	100	43	
Gel time (100g @25°C)	-	-	40-50 minutes
Storage	12 months	12 months	-
Cure time	-	-	8-12 hours

PHYSICAL PROPERTIES OF HARDENED PRODUCT

	Test	Result
Compression resistance (psi)	ASTM D695	14000 psi
Traction resistance (psi)	ASTM D638	6500 psi
Elongation (%)	ASTM D638	6.7
Bond resistance (psi)	ASTM D4541	>300 (Substrate ruptures)
Hardness (Shore D)	ASTM D2240	75
Abrasive resistance	ASTM D4060	-
Vehicular traffic	-	16 hours
CS17 / 1000 cycles / 1000 g	-	0.10 g
Water absorption (%)	ASTM D570	0.3

HEALTH AND SAFETY

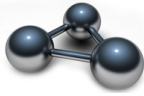
In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Component A – Irritant – Contains epoxy resin. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact.

Component B – Irritant – Contains amines. Contact with skin risks to cause serious burns. Avoid eye contact. Avoid breathing vapours released from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapours approved by the NIOSH/MSHA is recommended. Provide suitable ventilation. Consult the material safety data sheet for further information.

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**LECTCR**
CHEMICAL RESISTANT EPOXY COATING SYSTEM
FOR SAFETY LINES**DESCRIPTION**

LECTCR is a solventless two components epoxy coating system designed for safety lines. It exhibits very good finish and chemical properties. It exhibits very good solvent and chemical resistance. It is suitable for use in direct exposure in manufacturing facilities, warehouses, laboratories, dairies, breweries, chemical plants, paper mills, food processing and pharmaceutical manufacturing.

ADVANTAGES

- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent allowing for interior application without harmful odors
- Excellent adhesive properties allowing application on other firm and hard coating as well as a good bond to the substrate
- Superior chemical and solvent resistance
- can be used on damp and dry surfaces
- Exceptional abrasion resistance

COLORS

Any

OPERATIONSURFACE PREPARATION:

Concrete surface must be clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Colour	Any	Light Amber	Any
Type	Epoxy resin	Amine	-
Viscosity (cps) @25°C	30000 -35000	5000 -70000	28000 - 30000
Solids by weight (%)	100	100	100
Solids by volume (%)	100	100	100
Thinner	SCT-0001	SCT-0001	SCT-0001
Density (kg/li)	1.29	1.02	-
Mixing ratio by volume	2	1	-
Mixing ratio by weight	100	43	-
Gel time (100g @25°C)	-	-	20-30 min
Storage	12 months	12 months	-
Full film cure	-	-	8-12 hours

PHYSICAL PROPERTIES OF HARDENED PRODUCT

	Test	Result
Compression resistance (psi)	ASTM D695	14000
Hardness (Shore D)	ASTM D2240	80-85
Traction resistance (psi)	ASTM D638	6500
Elongation (%)	ASTM D638	6.5
Bond resistance (psi)	ASTM D4541	>300 (Substrate ruptures)
Vehicular traffic	-	16 hrs
Abrasion resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.05
Water absorption (%)	ASTM D570	0.1

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Component A – Irritant – Contains epoxy resin. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact.

Component B – Irritant – Contains amines. Contact with skin risks to cause serious burns. Avoid eye contact. Avoid breathing vapors released from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Provide suitable ventilation. Consult the material safety data sheet for further information.

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**WECTR**
WATERBORNE EPOXY COATING SYSTEM**DESCRIPTION**

WECTR is waterborne epoxy coating system. It provides outstanding appearance good chemical resistance and excellent mechanical properties. It can be used as mid-coats and topcoats on concrete, wood and other materials.

ADVANTAGES

- Zero VOC
- Fast dry speed
- Early water resistance
- Long pot life
- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odors
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Resists to many chemical products
- Can be used on damp or dry surfaces

COLORS

Any

OPERATION**SURFACE PREPARATION:**

Concrete surface must be clean. Remove any dust, milt, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods. Compression resistance of concrete must be at least 25 MPa (3625 lbs/inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs/inch²).

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with water. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5,5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Color	Any	Light amber	Any
Type	Epoxy resin	Amine resin	-
Viscosity (cps) @25°C	55-65	50-65	45-65
Solids by weight (%)	60-70	60-70	60-70
Thinner	Water	Water	Water
Density (kg/li)	1.1	1.04	-
Mixing ratio by volume	3	1	-
Pot life (454 g @ 25 °C)	-	-	1-3 hours
Drying time (3 mils humid @ 25 °C)	-	-	20-30 minutes
Gel time (Thin film)	-	-	4-6 hours
Cure time (10 mils)	-	-	12 hours
Light traffic	-	-	> 24 hours
Storage	12 months	12 months	-

PHYSICAL PROPERTIES OF HARDENED PRODUCT

	Test	Results
Compression resistance (psi)	ASTM D695	14000
Traction resistance (psi)	ASTM D638	6500
Elongation (%)	ASTM D638	6.7
Bond resistance (psi)	ASTM D4541	>300 (Substrate rupture)
Hardness (Shore D)	ASTM D2240	70-75
Abrasive resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.3 g
Water absorption (%)	ASTM D570	1.5
Vehicular traffic	-	16 hours

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Component A – Irritant – Contains epoxy resin. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact.

Component B – Irritant – Contains amines. Contact with skin risks to cause serious burns. Avoid eye contact. Avoid breathing vapors released from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Provide suitable ventilation. Consult the material safety data sheet for further information.

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**WECTAC**
ANTI-CORROSIVE WATERBORNE EPOXY
COATING SYSTEM**DESCRIPTION**

WECTAC is a two components anti corrosive waterborne epoxy coating system. It provides outstanding appearance, good chemical resistance and excellent mechanical properties as well as very good corrosion resistance. It can be used as mid-coats and topcoats on metal and other materials.

ADVANTAGES

- Zero VOC
- Fast dry speed
- Early water resistance
- Long pot life
- Dense surface resistant to bacteria and moisture and easy to clean
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odors
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Resists to many chemical products
- Can be used on damp or dry surfaces

COLORS

Any

OPERATION**SURFACE PREPARATION:**

The surface must be clean. Remove any dust, milt, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by sanding or by other approved methods.

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with water. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Color	Any	Light amber	Any
Type	Epoxy resin	Polyamide	-
Viscosity (cps) @25°C	1500-1700	1200-1400	1400-1600
Solids by weight (%)	60-70	60-70	60-70
Thinner	Water	Water	Water
Density (kg/li)	1.1	1.04	-
Mixing ratio by volume	4	1	-
Mixing ratio by weight	100	23.6	-
Pot life (454 g @ 25 °C)	-	-	1-3 hours
Drying time (3 mils humid @ 25 °C)	-	-	20-30 minutes
Gel time (Thin film)	-	-	4-6 hours
Cure time (10 mils)	-	-	12 hours
Storage	12 months	12 months	-

MECHANICAL PROPERTIES OF CURED PRODUCT

	Test Method	Results
Bond resistance (psi)	ASTM D4541	>300 (Substrate rupture)
Impact Resistance: direct /reverse (lbs)	ASTM D2794	16 / 2
Hardness (Shore D)	ASTM D2240	70-75
Abrasive resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.3 g
Salt Spray	ASTM B117	1000 hours
Water absorption (%)	ASTM D570	0.5

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Removed contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Component A – Irritant – Contains epoxy resin. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact.

Component B – Irritant – Contains amines. Contact with skin risks to cause serious burns. Avoid eye contact. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Predict suitable ventilation. Consult the material safety data sheet for further information.

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**UCTR**
POLYURETHANE COATING SYSTEM**DESCRIPTION**

UCTR is a two components, solventless, clear polyurethane coating system. It provides outstanding appearance, superior chemical resistance and excellent physical properties.

ADVANTAGES

- Superior chemical resistance
- Superior U.V. resistance
- Outstanding appearance
- Dense surface resistant to bacteria and humidity
- May apply several layers on itself
- Contains no solvent, allowing for interior application without harmful odours
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate

COLORS

Clear

OPERATION**SURFACE PREPARATION:**

The minimum temperature at time of use must be 10°C (50°F). The surfaces must be sound and clean; standing water must be removed from the surfaces, but surface can be damp when the primer is applied. The strength of the bond is determinate by the soundness of the surface.

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (200 to 300 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply product tightly for a thin film using a squeegee and then back roll lightly using a roller.

OVERLAPS:

Subsequent overlaps must be applied when primer is still wet or tacky. If primer has dried, reprime. Porous substrates may require multiple priming.

SUGGESTION:

Sprinkle the primed area lightly with aggregate to provide better footing.

CLEANING:

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Color	Clear	Clear	Clear
Viscosity (cps) @25°C	700 - 1000	1500 - 2500	
Solids by Weight (%)	100	100	100
Cleaner	SCT-0006	SCT-0006	SCT-0006
Density (kg/L)	1.01	1.12	-
Mix. Ratio by Volume	1	1	-
Mix. Ratio by Weight	100	111	-
Gel Time (100g @25°C)	-	-	30 - 40 min.
Shelf Life	12 months	12 months	-
Foot traffic	-	-	12-24 hours
Light traffic	-	-	2 days
Normal traffic	-	-	5 days

MECHANICAL PROPERTIES OF CURED PRODUCT

	Test	Result
Compression resistance (psi)	ASTM D695	16000 psi
Traction resistance (psi)	ASTM D638	8500 psi
Elongation (%)	ASTM D638	7
Bond resistance (psi)	ASTM D4541	>300 (Substrate ruptures)
Hardness (Shore D)	ASTM D2240	80-85
Abrasive resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.05 g
Water absorption (%)	ASTM D570	0.3

HEALTH AND SAFETY

Use good personal hygiene. Avoid eye and skin contact. Caution: Respiratory irritant. Vapours harmful. Store material in closed container in cool dry place. Shelf life is one year in original sealed container. Consult Material Safety Data Sheet for further safety caution.

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**WUCTR**
WATERBORNE POLYURETHANE COATING SYSTEM**DESCRIPTION**

WUCTR is waterborne two components polyurethane coating system. It provides outstanding appearance, superior chemical resistance and U.V. resistance, and excellent physical properties.

ADVANTAGES

- VOC level : 0.2 g/L
- Fast dry speed
- Early water resistance
- Long pot life
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Superior chemical resistance
- Superior U.V. resistance
- Outstanding appearance

COLORS

Any

OPERATIONSURFACE PREPARATION:

The surface must be sound and clean. Remove any dust, mill, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by sanding or by other approved methods. Standing water must be removed from the surfaces but if primer is applied, the surface can be damp. Porous surfaces may require multiple priming.

MIX:

Pre mix each component separately. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (200 to 300 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life.

APPLICATION:

Apply mixed product on the prepared surface using a finish applicator replacement pad (18 inches size) to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with soapy water followed by solvent rinse. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Color	Any	Clear	Any
Type	Polyols mixture	Aliphatic Isocyanate solution	Poyurethane
Viscosity (cps) @25°C	125-175	125-175	125-175
Solids by weight (%)	60-70	60-70	60-70
Thinner	Water	Water	Water
Density (kg/li)	1.04	1.07	-
Mixing ratio by volume	4	1	-
Mixing ratio by weight	100	25.7	-
Pot life (454 g @ 25 °C)	-	-	1-3 hours
Drying time (3 mils humid @ 25 °C)	-	-	20-30 minutes
Gel time (Thin film)	-	-	4-6 hours
Storage	12 months	12 months	-
Cure time	-	-	12 hours

MECHANICAL PROPERTIES OF CURED PRODUCT

	Test Method	Results
Bond resistance (psi)	ASTM D4541	>300 (Substrate rupture)
Impact Resistance: direct / reverse (lbs)	ASTM D-2794	16 / 2
Hardness (Shore D)	ASTM D2240	70-75
Abrasive resistance	ASTM D4060	-
CS17 / 1000 cycles / 1000 g	-	0.3 g
Water absorption (%)	ASTM D570	1.5
Vehicular traffic	-	16 hours

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Removed contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. **Wear safety glasses and chemical resistant gloves.**

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**WACT**
HI PERFORMANCE ACRYLIC COATING SYSTEM**DESCRIPTION**

WACT is a high performance acrylic coating system designed to protect all interior as well as exterior concrete products. It may directly applied to dry and humid surfaces as well as surfaces previously treated with latex coatings.

ADVANTAGES

- Quick and easy application, easy to clean
- Quick drying
- Excellent chemical resistance (used motor oil, engine coolant, etc.)
- Excellent resistance to bad weather
- Durability and resistance to yellowing
- May be applied to surface with high pH levels (hot surfaces)
- Embellishes surfaces and keeps surfaces clean
- Resistance to discoloration
- Coating integrity (will not whiten)
- May be applied on humid or dry surfaces
- No restrictions due to odor or harmful materials
- Respects environmental requirements
- Resistance to tire marks

COLOR

Any

OPERATION**SURFACE PREPARATION:**

Concrete surface must be clean. Remove any dust, milt, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by BLASTRAC or by other approved methods.

APPLICATION:

Apply product on prepared surface with a roller in order to obtain a uniform coating.

CLEANING:

Clean all tools and materials with water after use.

RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 10 °C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing : 85 %.
- Substrate temperature must be above 3 °C (5.5 °F) at dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

PHYSICAL PROPERTIES

Appearance	Milky white emulsion
Solids by weight (%)	10, 15, 20, or 30
Specific gravity	1.00
Viscosity	60 - 100
pH	7.00 – 8.00
VOC	0.05

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Removed contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Component A – Irritant – Contains epoxy resin. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact.

Component B – Irritant – Contains amines. Contact with skin risks to cause serious burns. Avoid eye contact. Avoid breathing vapours release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapours approved by the NIOSH/MSHA is recommended. Predict suitable ventilation. Consult the material safety data sheet for further information.

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**SACT**
SOLVENT-BASED ACRYLIC SEALER**DESCRIPTION**

SACT is an acrylic liquid formulated to be applied as a sealer on paving stone and on new or old concrete. As a sealer, it improves watertightness against water, dust, etc. SACT creates a clear film resistant to U.V. Rays and which does not turn yellow.

ADVANTAGES

- Sealer : improves penetration of oil, water, dust, etc.
- Cures, seals and hardens the surface in the same process
- Creates a continuous clear film resistant to yellowing
- May be applied on horizontal and vertical surfaces
- Reduce penetration of chloride ions (salt used to melt ice): Protects the framework
- Helps resist against freezing/unfreezing cycles and against salt penetration
- Sealer on paving stone, stamped concrete, etc.
- May be applied as a sealer on old concrete

TYPICAL APPLICATIONS

- Paving stone
- Sidewalk
- Bridges
- Garages and parking lots
- Exposed aggregates
- Wall
- Concrete
- Silica bricks and stones

OPERATIONSURFACE PREPARATION:

Paving stone: SACT must be applied 90 days after pavement is installed. Latent product must be cleaned with a soft acid not to discolor pavement.

Old concrete: Surface must be clean, free of dust, dirt, grease or other contaminants which may harm bonding.

Surrounding conditions: Concrete and room temperatures must be above 0°C (32°F).

APPLICATION:

SACT may be applied by roller, brush or with a low-pressure sprayer. Apply uniformly and thick coats. Apply according to specified recommendations.

COVERAGE:

SACT normally used covers 5.0 to 8.0 m²/L (200-325 ft²/gal). A second coat may be applied for superior protection. Coverage rates depend on the surface texture of the concrete as well as its porosity.

PACKAGING:

Available in 4, 20 and 210 liters.

RESTRICTIONS:

- Do not use SACT at temperatures lower than 0°C (32°F).
- Not recommended as a water-repellent below ground level
- Not recommended on painted surfaces

STORAGE:

SACT is classified as a combustible material and must be stored adequately. When well stored, product has a shelf life of 18 months.

TECHNICAL SUPPORT:

A technical representative is available with a 72 hour notice.

PHYSICAL PROPERTIES

Concrete penetration:	Up to 6 mm
Reduction of water absorption:	Up to 87%
Reduction of chloride ion absorption:	Up to 94%
Drying time:	2 hours
Second coat:	2 to 3 hours
U.V. resistance:	Excellent
Bonding to concrete:	Excellent
Oil resistance:	Excellent
Resistance to yellowing:	Excellent
Solids (%)	10, 15, 20, 30, or 40

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DESCRIPTION

AUCT is a solventless, two components polyurethane adhesive system designed to bond rubber floor covering onto concrete, asphalt, metal, wood, artificial turf and certain resilient floor coverings. It has good resistance to both high and low temperature. It exhibits very good properties in humid conditions (5 psi) as well as dry conditions. This product is ideal for the installation of commercial and sport rubber floor covering indoor and outdoor.

OPERATION

Pour part B into part A. Mix thoroughly to have a uniform mid grey color. Do not over mix. Apply mixed product with an adhesive spreader 1/8" x 1/8" x 1/16". Do not use at temperatures below 5°C or above 45°C. Do not lay the floor coverings on asphalt screeds aged less than 30 days. A structural barrier should be applied first, before any application of floor coverings, to the substrate when hydrostatic pressure exists. This is particularly true around swimming pool areas. Do not use on concrete surfaces having more than 5% humidity by weight as measured by the hygrometer test.

PHYSICAL PROPERTIES

	Part A	Part B	Mixed
Color	Off White	Black	Mid Grey
Viscosity (cps)	150000-175000 @ 35°C	1000-1200 @ 25°C	80000-95000 @ 30°C
Cleaner	Toluene	Toluene	Toluene
Specific gravity (g/ml)	1.6	0.98	-
Mix. Ratio by Weight			
In kg	9	0.9	9.9
In lbs	19.84	1.98	21.82
Gel time 100 g (minutes)			90-105
Work life (@ 23°C, 50% humidity)	-	-	60 minutes
Foot traffic	-	-	24 hours
Heavy traffic	-	-	3-7 days
Shelf life	12 months	12 months	-
Coverage (V-notched trowel):			
1/6" x 1/6" x 1/8"	-	-	100-145 ft ² /3.78L (or 120-170 ft ² /4L)
1/8" x 1/8" x 1/16"			65-85 ft ² /3.78L (or 75-100 ft ² /4L)**

HEALTH AND SAFETY

Use good personal hygiene. Avoid eye and skin contact. CAUTION: Respiratory irritant. Vapours harmful. Store material in closed container in cool dry place. Consult Material Safety Data Sheet for further safety caution.

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**AUCT-PL**
POLYURETHANE CONSTRUCTION ADHESIVE**DESCRIPTION**

AUCT-PL is a one component, moisture-curing polyurethane construction adhesive with high strength and flexibility. It possesses easy application and cured performance properties for both interior and exterior installation. It is environmentally safer than typical solvent release materials and exhibits low odor properties.

PREPARATION

Use above 5°C. Surfaces must be clean, dry, and free from foreign and non cohesive materials. Apply AUCT-PL on the surface of the material to be glued, and then press both surfaces firmly together. Substrate can be repositioned during the first 45 minutes. Use a mechanical support during 24 hours in order to allow adhesive to take well. Setting time may vary with temperature, humidity, and porosity of the material. For non porous surfaces (e.g. metals), spray a light mist of water on the adhesive before joining them (in this case, the repositioning time is reduced to 30 minutes).

APPLICATION

AUCT-PL can bond to wet, frozen, or treated lumber and is designed for installing sub-floor assemblies (e.g. plywood, OSB) to floor joist (site erected structures and factory constructed housing such as modular and mobile houses) and for applying stair treads, slate floors, wood floor, furring strips, patio decks. It is also suitable for most vertical application. When used in conjunction with mechanical fasteners, it prevents squeaks and eliminates nail pops.

PHYSICAL PROPERTIES

Specific gravity: 1.77 ± 0.01

Odor: Negligible

Color: Green

VOC: 105 g/L

Tensile strength: 430 psi

Cleaner: Mineral Spirit

Solids (%) 93 ± 1

HEALTH AND SAFETY

EMANATION CAN BE HARMFUL. Avoid inhaling vapours and use only in a well ventilated area. **KEEP OUT OF REACH OF CHILDREN.** May discolour the skin. Wear protective gloves during application.

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**WLCT**
WATERBORNE LATEX BINDING COMPOUND**DESCRIPTION**

WLCT is a latex emulsion used as a binding compound for concrete repair or applied directly to concrete or mortar as a water substitute.

ADVANTAGES

- Improves resistance to bending, tension and compression of concrete.
- Reduces permeability to chloride ions.
- Improves durability by protecting against the effects of freezing/unfreezing.
- Improves grip of existing concrete.
- Resistant to chemical attacks.
- Non-reemulsifiable.
- Does not require drive of air.
- Insures a good grip for concrete repairs.
- Contains no chlorides.

TYPICAL APPLICATIONS

Roadway and multi-level parking lot coatings, floor and balcony coatings, sidewalks, roughcast, foundation walls, floor leveling, floor glazing.

OPERATIONAPPLICATION:

The surface must be free of dirt, oil, grease, or other contaminants which may harm bonding. Moisten surface before application of the binding coat, scrub mixture on the surface needing repair with a rigid bristled brush.

MIXING:

Bonding coat: Mix 1 litre of WLCT with 3 kg of cement. Mix for 3 to 5 minutes

Concrete mix: 187 kg of Portland cement, 487 kg of concrete sand, 325 kg of aggregates 10 mm. If needed, adjust with water for desired subsidence.

Mortar mix: 1 bag of Portland cement (40 kg), 180 kg of concrete sand, 8 litres of WLCT. (Quantities may vary according to the type of cement and aggregates used.)

N.B.: ALL COATINGS MUST BE APPLIED WHILE BONDING COAT IS STILL HUMID. THESE SUGGESTIONS ARE ONLY EXAMPLES

RESTRICTIONS:

Do not use SACT at temperatures lower than 0°C (32°F). Do not use with an air pump. KEEP FROM FREEZING. If freezing occurs, dispose of product.

SECURITY AND HANDLING:

Avoid all eye and skin contact. In case of contact, rinse with water. Wash all equipment with water.

TECHNICAL SUPPORT:

A technical representative is available with a 48 hour notice.

PHYSICAL PROPERTIES

Solids (%) 25 ± 1

Color: Opaque white

Density: 1.004

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**CCT-500**
CEMENT REPAIR MORTAR (HORIZONTAL)**DESCRIPTION**

CCT-500 is a quick bonding mortar, modified with polymers, used to repair cement. It may be applied with a trowel. Easy to use for repairing horizontal surfaces.

ADVANTAGES

- Wear resistance higher than that of conventional mortar
- Exceptional bond strength
- Weak shrinkage
- Dilation coefficient similar to that of concrete
- High initial resistance
- High resistance in compression and bending
- No effect on reinforced steel

TYPICAL APPLICATIONS

- Used beneath and above ground level directly on concrete, mortar, rock, etc.
- For horizontal surfaces
- Covering concrete surfaces
- Leveling concrete floors
- Used to repair parking lots, factories, ramps, bridges, structures and sidewalks.

OPERATIONSURFACE PREPARATION:

Remove any deteriorated concrete or concrete that is removable with a hammer. The surface must be free of dirt, oil or grease. The surface needing repair must have a minimal depth of 3 mm (1/8"). Surface must be saturated without any apparent water remaining.

MIX:

Shake part B before use, and then pour into mixer. Add part A gradually while mixing. Mix until uniform consistency (3 to 5 minutes).

APPLICATION:

Scrub surface well with some mixed mortar to ensure a good bond. Mortar must be poured before the bonding coat becomes too dry. If temperature accelerates drying, cover with a humid tarp or spray with a water based curing compound.

PACKAGING:

Component A: 22.7 kg (50 lbs) bag

Component B: 3.8 L container

SECURITY AND HANDLING:

- Clean material with water
- This product contains cement and polymers that may irritate the skin.
- In case of skin or eye contact, rinse with water for 15 minutes
- **Keep away from children.**
- **For industrial use only.**
- **Keep in a dry area.**
- **Keep from freezing.**

PHYSICAL PROPERTIES

Mixing ratio:	Part A: 22.7 kg Part B: 3.8 L
Mixing time:	3 to 5 minutes
Open time:	15 to 20 minutes
Bond strength:	Superior to concrete
Resistance to compression:	1 day: 10 MPa 3 days: 28 MPa 7 days: 35 MPa 28 days: 45 MPa
Color:	Concrete grey
Temperature:	Apply between 10-30 °C
Yield:	0.013 m ³ (13 L) (44 ft ³)
For estimation only:	3 mm covers 4.5 m ² (1/8" covers 48 sq. ft.) 6 mm covers 2.25 m ² (1/4" covers 24 sq. ft.)

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**CCT-510**
CEMENT REPAIR MORTAR (VERTICAL)**DESCRIPTION**

CCT-510 is a quick bonding mortar, modified with polymers, used to repair cement. It may be applied with a trowel. Easy to use for repairing vertical surfaces.

ADVANTAGES

- Wear resistance higher than that of conventional mortar
- Exceptional bond strength
- Weak shrinkage
- Dilation coefficient similar to that of concrete
- High initial resistance
- High resistance in compression and bending
- No effect on reinforced steel
- Inflammable. Contains no chlorides.

TYPICAL APPLICATIONS

- Used beneath and above ground level directly on concrete, mortar, rock, etc.
- For vertical surfaces
- Covering concrete surfaces
- Used to repair parking lots, factories, ramps, bridges, structures and sidewalks.

OPERATIONSURFACE PREPARATION:

Remove any deteriorated concrete or concrete that is removable with a hammer. The surface must be free of dirt, oil or grease. The surface needing repair must have a minimal depth of 3 mm (1/8"). Surface must be saturated without any apparent water remaining.

MIX:

Shake part B before use, and then pour into mixer. Add part A gradually while mixing. Mix until uniform consistency (3 to 5 minutes).

APPLICATION:

Scrub surface well with some mixed mortar to ensure a good bond. Mortar must be poured before the bonding coat becomes too dry. If temperature accelerates drying, cover with a humid tarp or spray with a water based curing compound.

PACKAGING:

Component A: 22.7 kg (50 lbs) bag

Component B: 3.8 L container

SECURITY AND HANDLING:

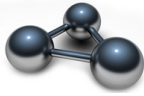
- Clean material with water
- This product contains cement and polymers that may irritate the skin.
- In case of skin or eye contact, rinse with water for 15 minutes
- **Keep away from children.**
- **For industrial use only.**
- **Keep in a dry area.**
- **Keep from freezing.**

PHYSICAL PROPERTIES

Mixing ratio:	Part A: 22.7 kg Part B: 3.8 L
Mixing time:	3 to 5 minutes
Open time:	15 to 20 minutes
Bond strength:	Superior to concrete
Resistance to compression:	1 day: 10 MPa 3 days: 23 MPa 7 days: 35 MPa 28 days: 40 MPa
Color:	Concrete grey
Temperature:	Apply between 10-30 °C
Yield:	0.013 m ³ (13 L) (44 ft ³)
For estimation only:	3 mm covers 4.5 m ² (1/8" covers 48 ft ²) 6 mm covers 2.25 m ² (1/4" covers 24 ft ²)

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**CCT-520**
CEMENT REPAIR MORTAR (WITH AGGREGATES)**DESCRIPTION**

CCT-520 is a quick bonding mortar, modified with polymers, used to repair cement. It may be applied with a trowel. Easy to use for repairing horizontal surfaces.

ADVANTAGES

- Wear resistance higher than that of conventional mortar
- Exceptional bond strength
- Weak shrinkage
- Dilation coefficient similar to that of concrete
- No effect on reinforced steel
- Inflammable. Contains no chlorides.

TYPICAL APPLICATIONS

- Used beneath and above ground level directly on concrete, mortar, rock, etc.
- For horizontal surfaces
- Covering concrete surfaces

OPERATIONSURFACE PREPARATION:

Remove any deteriorated concrete or concrete that is removable with a hammer. The surface must be free of dirt, oil or grease. The surface needing repair must have a minimal depth of 12 mm (1/2"). Surface must be saturated without any apparent water remaining.

MIX:

Shake part B before use, and then pour into mixer. Add 3.3 L of part A gradually while mixing. Mix until uniform consistency (3 to 5 minutes).

APPLICATION:

Apply on a surface that has been humidified prior to application. Apply ideally on a dry saturated surface. If temperature accelerates drying, cover with a humid tarp or spray with a water based curing compound.

PACKAGING:

Component A: 22.7 kg (50 lbs) bag
Component B: 3.8 L container

SECURITY AND HANDLING:

- Clean material with water
- This product contains cement and polymers that may irritate the skin.
- In case of skin or eye contact, rinse with water for 15 minutes
- **Keep away from children.**
- **For industrial use only.**
- **Keep in a dry area.**
- **Keep from freezing.**

PHYSICAL PROPERTIES

Mixing ratio:	Part A: 22.7 kg Part B: 3.3 L
Mixing time:	3 to 5 minutes
Open time:	15 to 20 minutes
Bond strength:	Superior to concrete
Resistance to compression:	1 day: 9 MPa 3 days: 24 MPa 7 days: 34 MPa 28 days: 42 MPa
Color:	Concrete grey
Temperature:	Apply between 10-30 °C
Yield:	0.013 m ³ (13 L) (44 ft ³)
For repair above:	1/2" (10 mm)
For repair below:	2" (50 mm)
For estimation only:	1/2" covers 12 ft ²

IMPORTANT NOTICE

All statements, recommendations and technical information contained in this document are accurate to the best knowledge of CTM Adhesives Inc. The data relates only to the specific material designated herein. It may not be valid if used in combination with any other materials. It is the users' responsibility to verify suitability of this information for their own particular use. CTM Adhesives Inc assumes no legal responsibility for use upon these data.

**CCT-548**
CEMENT REPAIR MORTAR (WITH AGGREGATES)**DESCRIPTION**

CCT-548 is a quick bonding mortar, modified with polymers, used to repair cement. It may be applied with a trowel. Easy to use for repairing horizontal surfaces.

ADVANTAGES

- Wear resistance higher than that of conventional mortar
- Exceptional bond strength
- Weak shrinkage
- Dilation coefficient similar to that of concrete
- High initial resistance
- High resistance in compression and bending
- No effect on reinforced steel
- Inflammable. Contains no chlorides.

TYPICAL APPLICATIONS

- Used beneath and above ground level directly on concrete, mortar, rock, etc.
- For indoor horizontal surfaces
- May be used as a repair material for thickness between ½" and 2"
- Adapted for quick repair of indoor floors
- Allows subsequent use of self leveling CCT-550 4 hours after CCT-548 is applied

OPERATIONSURFACE PREPARATION:

Remove any deteriorated concrete or concrete that is removable with a hammer. The surface must be free of dirt, oil or grease. The surface needing repair must have a minimal depth of 12 mm (1/2"). Surface must be saturated without any apparent water remaining.

MIX:

Place minimal quantity of water into mixer (2.3L or 0.6 gallon). Add one bag of part A (22.7 kg or 50 lbs). Add some water until desired consistency without surpassing a total of 2.7L or 0.7 gallon. Always mix at least one bag of CCT-548 at a time.

APPLICATION:

Apply on a surface that has been humidified prior to application. Apply ideally on a dry saturated surface. High temperatures will compromise resistance of the product.

PACKAGING:

Component A: 22.7 kg (50 lbs) bag

SECURITY AND HANDLING:

- Clean material with water
- This product contains cement and polymers that may irritate the skin.
- In case of skin or eye contact, rinse with water for 15 minutes
- **Keep away from children.**
- **For industrial use only.**
- **Keep in a dry area.**
- **Keep from freezing.**

PHYSICAL PROPERTIES

Mixing ratio:	Part A: 22.7 kg Water: 2.3 to 2.7 L
Mixing time:	3 to 5 minutes
Open time:	15 to 20 minutes
Bond strength:	Superior to concrete
Resistance to compression:	1 day: 6 MPa 3 days: 15 MPa 7 days: 25 MPa 28 days: 32 MPa
Color:	Concrete grey
Temperature:	Apply between 10-30 °C
Yield:	0.012 m ³ (12 L) (43 ft ³)
For repair above:	1/2" (12 mm)
For repair below:	2" (50 mm)
For estimation only:	1/2" covers 12 ft ²

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**DESCRIPTION**

CCT-550 is a quick bonding cement grout, modified with polymers, used to repair subfloors. Typical applications are on concrete or exterior grade plywood.

ADVANTAGES

- Very good fluidity and exceptional pot life
- Self-healing
- Exceptional bond strength
- Weak withdrawal
- Dilation coefficient similar to that of concrete
- High initial resistance
- High resistance in compression and bending
- No effect on reinforced steel
- Inflammable

TYPICAL APPLICATIONS

- Used beneath and above ground level directly on concrete, mortar, rock, etc.
- For horizontal surfaces
- Covering concrete surfaces

OPERATIONSURFACE PREPARATION:

Remove any deteriorated concrete or concrete that is removable with a hammer. The surface must be free of dirt, oil or grease. The surface needing repair must have a minimal depth of 3 mm (1/8"). Old concrete should be wet lightly prior to application.

MIX:

Place less water than the required amount into the mixer. Adjust the fluidity of the product by gradually adding the remaining water. Strongly mix with a grout mixer or an electric drill. Clean tools properly (and pump if used) with water after use.

APPLICATION:

Pour self leveling on applicable surface immediately after mixing. Do not prepare in advance more than the necessary quantity needed during open time.

PACKAGING:

Component A: 22.7 kg (50 lbs) bag

SECURITY AND HANDLING:

- Clean material with water
- This product contains cement and polymers that may irritate the skin.
- In case of skin or eye contact, rinse with water for 15 minutes
- **Keep away from children.**
- **For industrial use only.**
- **Keep in a dry area.**
- **Keep from freezing.**

PHYSICAL PROPERTIES

Mixing ratio:	Part A: 22.7 kg Water: 4.75 to 5 L
Mixing time:	3 to 5 minutes
Open time:	15 to 20 minutes
Bond strength:	Superior to concrete
Resistance to compression:	1 day: 10 MPa 3 days: 22 MPa 7 days: 28 MPa 28 days: 35 MPa
Initial seizure:	Approx. 90 minutes
Final seizure:	Approx. 180 minutes
Color:	Concrete grey
Temperature:	Apply between 10-30 °C
Yield:	0.014 m ³ (14 L) (45 ft ³)
For estimation only:	3 mm covers 4.5 m ² (1/8" covers 48 sq. ft.) 6 mm covers 2.25 m ² (1/4" covers 24 sq. ft.)

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**DESCRIPTION**

CCT-POLY is a high performance polymer-sand mixture designed for paving stone joints.

ADVANTAGES

- Sand stays stable in the joints.
- Prevents ant-hill build-ups.
- Prevents weed growth.

OPERATION

Once the paving stone is installed, pour CCT-POLY on the paving stone, with a broom, push the sand in the paving stone joint. If necessary do a second application. Apply a fine mist of water until saturation of the product. The polymer in the Tech-Sand will react with water to form a hard joint of great durability.

RESTRICTIONS:

Do not use when temperature is below 5°C.

PHYSICAL PROPERTIES

Flexion: 0.5 MPa / 82 psi

Water permeability: 4 g/cm²/min (26 g/po²/min)

HEALTH AND SAFETY

Keep away from children. Wash with soap and water.

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