

CLEAR IMPACT RESISTANT EPOXY

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DESCRIPTION

MITON CLEAR QUICK SETTING is a specially formulated two component multi-resin impact resistant epoxy with incredible adhesion properties and almost limitless capabilities for any type of application use.

GENERAL PURPOSE EPOXY TERRAZZO:

Epoxy Terrazzo are more resistant, lighter in weight, cure faster and have greater impact and wear resistance than do conventional cement terrazzos. They are usually applied at 5/8" thickness and ground and polished to 3/16" to 1/4" thickness. The grinding should be done after hardening (24-48 hours), but before full cure (7 days).

Parts A and B are thoroughly mixed prior to the addition of the marble chips. After initial grinding, a filler coat may be necessary before polishing.

Mix ratio: 2 parts A resin to 1 part B Hardener, Pot life 30-40

FEATURES

- ▶ High adhesion properties
- ▶ Chemical, impact, abrasive, acid, alkali resistant
- ▶ Moisture and temperature insensitive
- ▶ Shrinkage negligible
- ▶ Resists thermal movement
- ▶ Ample working time
- ▶ Application temp. -18°C to 60°C
- ▶ Low viscosity
- ▶ Good electrical properties

APPLICATION

Remove dirt, grease, oil, efflorescence film and other foreign material from surface. Ensure clean, sound, free of standing water surface. For ease of application, have product at room temperature when mixing.

CURING

Apply between 5°C and 35°C. Initial cure within 4 hours at room temp. Final cure 5 - 7 days.

Epoxy curing is exothermic reaction. Larger / thicker volumes will cure much faster than coatings. Surface and air temperature will greatly effect cure times.

CLEANUP

Remove with hot water and soap. For more aggressive removal use xylene, paint thinner, d'limonene, or soy detergent. Wear proper personal protective equipment when doing so.



SHELF LIFE

1 year from date of manufacture. Store at room temperature.

LIMITATIONS

Do not apply immediately after rain. Surface must be dry for 24 hours. Do not freeze. Do not apply if dewpoint is within 5°C 24 hours after application.

COVERAGE

Depending on surface conditions:
General use approximately 125 sq.ft. per rolled on coating.
Other uses calculate volume.

PACKAGING

1.5 gallon (6 litre) and 7.5 gallon kits.

PRECAUTIONS

Avoid contact with eyes, skin and clothing. Protective clothing, gloves and goggles are recommended. Contains an amine element which could be harmful if swallowed. If contact mad in the eye, flush with lots of clean water and seek medical attention. In case of skin contact, wash with soap and water

Refer to MSDS for additional handling and care information.

FOR INDUSTRIAL USE ONLY

The information and recommendations provided in the document are given in good faith with an understanding that it is provided based on Canadian Construction Products experience with the product, handled and cared for under normal conditions, and used within the shelf life of the product. No warranty of its suitability for any particular purpose is provided due to variability of site conditions during installation. No liability arising from a legal relationship shall be incurred by Canadian Construction Products from the product information provided, recommendations, or any other advice offered. Please check ccpcanada.com for the most recent product information or request a copy from our offices.



CANADIAN CONSTRUCTION PRODUCTS

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TYPICAL USES

- ▶ Floor overlayment for industrial plants
- ▶ Patching and repairing concrete surfaces
- ▶ Moisture & temperature barrier
- ▶ Balcony or deck traffic coating
- ▶ Casting with closed or open moulds
- ▶ Potting any type of object
- ▶ Encapsulation of electronic components
- ▶ Concrete crack or joint repair (Horizontal or Vertical)
- ▶ Concrete industry
- ▶ Marine applications
- ▶ Chemical industry

TECHNICAL SPECIFICATIONS

Compressive Strength ASTM C-109		
1 day (24 hrs.)	9,600 PSI	
Compressive Strength ASTM C-109		
7 days (168 hrs.)	14,300 PSI	
Tensile Strength ASTM C-109		
7 days (168 hrs.)	1,800 PSI	
Flexural Strength ASTM O-790		
7 days (168 hrs.)	3,200 PSI	
Colour		
Resin:	clear	
Hardener:	light straw	

Chemical Resistance Code:	R = Resistant	C = Conditional Resistant	NR = Not Resistant
WATERS		ACIDS	
Salt	R	Hydrochloric 10%	R
Distilled	R	Sulphuric 10%	R
Fresh	R	Oleic 10%	NR
		Citric 10%	R
		Nitric 10%	R
ALKALIS		SALT SOLUTIONS	
Calcium Hydroxide	R	Magnesium Chloride	R
Calcium Hydroxide 25%	R	Ferrous Sulphate	R
Sodium Chloride Solution (saturated)	R	Ferric Chloride	R
Cement Water (saturated)	R	Copper Sulphate	R
Sodium Carbonate	R	Calcium Chloride	R
Sodium Hydroxide 25%	R	Sodium Sulphate	R
Detergent Solution (4% Ajax)	R	Alum	R
		Aluminium Sulphate	R
OXIDIZERS		Trisodium Phosphate	R
Bromide	NR	Sodium Chloride	R
Chlorine	NR	Sodium Acetate	R
Sulphur Dioxide	R		
		SOLVENTS	
		Gasoline	R
		Tolnol	R
		Ketones	NR

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