

## 525 – CLEAR QUICK SETTING

### DESCRIPTION:

MITON CLEAR QUICK SETTING is a specially formulated two component multi-resin flexible epoxy with incredible adhesion properties and almost limitless capabilities for any type of application use, MITON CLEAR QUICK SETTING can be supplied in 6 litre kits and 30 litre kits. The 525 Clear Quick Setting Flexible Epoxy dries in 3 hours and in 5 hours is fit for forklift traffic. This shows the toughness of the Clear Quick Setting Flexible Epoxy.

### UNIQUE FUNCTIONS:

MITON CLEAR QUICK SETTING can be used for coating granite counter tops, granite bonding cracks, marble, terrazzo, concrete, wood, metal surfaces, canoe, bar counter tops or as a: epoxy marble, general purpose epoxy terrazzo, epoxy adhesive, non porous epoxy terrazzo decorative aggregate, non skid floor covering, cement concrete bonding, epoxy stone coat, concrete patching & restoration, self leveling joint material. Sand lightly between coats. Clear Quick Setting Flexible Epoxy cures to a shiny, high gloss, tough finish.

Mix ratio: 2 parts A resin to 1 part B Hardener, Pot life 30-40 minutes 20°C (70°F). Coverage: 1 Sq M / L as a coating.

### OUTSTANDING FEATURES:

- High adhesion properties
- Chemical resistant
- Moisture insensitive
- Impact resistant
- Abrasive resistant
- Shrinkage negligible
- Acid & alkali resistant
- Cures at room temperature in 3 hours and in 5 hours is fit for fork lift traffic
- Temperature insensitive
- Resists thermal movement
- Ample working time
- Application temp. -18°C to 60°C
- Low viscosity
- Good electrical properties
- Resists cracking & chipping



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**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 0-790  
7 days (168 hrs.) 3,200 PSI

**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

**STORAGE:**

Normal room temperature

**SAFETY:**

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 made in the eye, flush with lots of clean water and seek medical attention. In case of skin contact, wash with soap and water.

**PACKAGING:**

6 Litre Kits



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**CHEMICAL RESISTANCE:**

CODE: R = Resistant, C = Conditional Resistant, NR = Not Resistant

WATERS

Salt	R
Distilled	R
Fresh	R

ALKALIS

Calcium Hydroxide	R
Calcium Hydroxide 25%	R
Sodium Chloride Solution (saturated)	R
Cement Water (saturated)	R
Sodium Carbonate	R
Sodium Hydroxide 25%	R
Detergent Solution (4% Ajax)	R

OXIDIZERS

Bromide	NR
Chlorine	NR
Sulphur Dioxide	R

SALT SOLUTIONS

Magnesium Chloride	R
Ferrous Sulphate	R
Ferric Chloride	R
Copper Sulphate	R
Calcium Chloride	R
Sodium Sulphate	R
Alum	R
Aluminium Sulphate	R
Trisodium Phosphate	R
Sodium Chloride	R
Sodium Acetate	R

ACIDS

Hydrochloric	10%	R
Sulphuric	10%	R
Oleic	10%	NR
Citric	10%	R
Nitric	10%	R

SOLVENTS

Gasoline	R
Toluol	R
Ketones	NR

**GUARANTEE:**

MITON PRODUCTS are guaranteed 100% when used according to the manufacturer's specifications. Product application and surface conditions are beyond the manufacturer's control. Liability, if any, is limited to replacement of this product only.

**Buyer assumes all risk in use and handling.**



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