

CORSMART® Resin & Activator

PRODUCT DATA SHEET



CORSMART® Resin & Activator is a two-component epoxy anti-corrosive coating used for corrosion resistance and protection for metals, plastics and many substrate materials. It acts as a corrosion barrier, remediates & reinforces pipelines, vessels, storage tanks, secondary containment areas, pumps, valves etc. The product can be used for Composite Repair applications which acts as a matrix to provide exceptional reinforcement, to structural applications.

FEATURES

- High Anti-corrosion factor
- High adhesion & compressive strength
- Cures at room temperature
- Excellent bonding to all rigid substrates
- Bonds to: steel, copper, stainless steel, polyethylene, FRP/GRE, PVC etc



KEY TECHNICAL DATA

- Tensile Strength : 24,500 psi
- Flexural Strength : 42,000 psi
- Compressive Strength : 35,000 psi
- Viscosity : (Resin)17,800 cP
(Activator) 30 cP
- Hardness : 82 Shore D
- Application Temperature : 0°C to 80°C
- Service Temperature : -50°C to 120°C
- Color : Cloudy Translucent
- Pot Life : 20 mins @23°C - 25°C
- Coverage Per set (500grams) : 0.44m² (1mm thick)

DIRECTION FOR USE

- Pour CorSmart® Standard Activator into CorSmart® Standard Resin and stir vigorously for at least ten minutes. Use immediately. CorSmart® Standard Resin and Standard Activator are for use with SealXtreme® Fiberglass Repair Tape.
- Do not leave activated resin in container for more than 10 minutes. Temperature may reach 120°C.
- The product is designed for ease of application using paint & paint brush.
- Hardener component should be added to the resin and thoroughly mixed. The system cures at elevated temperature to accelerate curing time and to improve certain mechanical properties.
- Refer to Safety Data Sheet before using product.

PACKAGING INFORMATION

PRODUCT CODE	SIZE	IMPA CODE	HS CODE
CRA0500	500 g	812301	39073030
CRA5000	5000 g	812301	39073030

*Recommend to mix the products after surface preparation. Curing time for the mixed product is 20minutes.

*CorSmart Resin & Activator can be customised to suit different types of corrosion repair, kindly speak to our representative for more information

APPLICATION

- Sand off existing rusted area
- Pour activator into resin
- Stir the contents thoroughly for at least 3 minutes
- Apply 2 layers each for best corrosion isolation

Note: Mixing to be done only after surface preparation as the mixed product cures up fast

STORAGE INFORMATION

Store in a cool and dry location in unopened containers at 8°C to 28°C.

SAFETY INFORMATION

- Keep out of reach of children.
- Store at well ventilated place.
- In case of contact with skin, wipe away, and rinse immediately with water. If contact with eyes, rinse immediately with water and consult an eye doctor.
- Please refer to the Safety Data Sheet (SDS) for more details.