



Roka Coat FG

Two Component Amine-Adduct Cured Epoxy Coating

Roka Coat FG is a two-component amine-adduct cured epoxy coating to achieve long term corrosion protection for many types of surfaces like aluminum, galvanizing, steel and concrete.

Uses & Advantages:

- Approved for direct contact with potable water & food contact.
- Non-corrosive.
- Excellent resistance to aqueous solutions.
- Excellent resistance to a wide range of industrial chemicals.
- Good resistance to abrasion.
- Good mechanical strength.
- Non-toxic.

Fields of Application:

Roka Coat FG is recommended as a protective coating in:

- Pharmaceutical facilities.
- Food processing plants.
- Beverage industry.



+92 321 4543320



info@rokachemsolutions.com



rokachemsolutions.com



83 A, Block C, PAF Colony, Zarar
Shaheed Road, Lahore Cantt, Pakistan



- Linings of storage tanks and silos.
- Agricultural enterprises.

Technical Information:

Color	As per color card
Texture	Semi-gloss
Mixing Ratio	Base : Hardener = 9 : 1
Solid Content	55 ±2% by volume
Pot Life	4-6 hours at 25°C
Service Temperature	Dry: 100°C Immersion: 65°C
Number of Recommended Coats	1 – 2
WFT	150 – 275 microns
DFT	80 – 150 microns
Theoretical Coverage	5.4 m ² /l (for dry film thickness of 80 microns assuming no loss)
Touch Dry	1 – 2 hours
Recoat Time	16 hours
Full Cure	7 days
Chemical Resistance	The fully cured coating offers outstanding resistance to aqueous solutions and a wide



+92 321 4543320



info@rokachemsolutions.com



rokachemsolutions.com



83 A, Block C, PAF Colony, Zabar Shaheed Road, Lahore Cantt, Pakistan



	range of industrial chemicals.
Abrasion Resistance	Good
Packaging	5 liters
Shelf life	24 months

Surface Preparation:

Before the application, surface preparation is essential to ensure proper adhesion between the substrate and the coating.

Concrete:

The surface must be clean, mechanically and free from any contaminants like oil, grease and laitance. This can be achieved by dry grinding the surface and vacuum cleaning.

Steel Surface:

When used as a topcoat as a protective coating, prepare the surface according to the recommendations provided in the product data sheet of the primer being used. The primed surface must be dry and free from any abrasive residues, dirt, oil and grease and other contaminants prior to the application of Roka Coat FG.

Mixing:

Stir thoroughly the contents of the base and gradually add the hardener. Mix both the components using a slow speed drill with an attached paddle for 3 minutes until a homogeneous mix is obtained.



+92 321 4543320



info@rokachemsolutions.com



rokachemsolutions.com



83 A, Block C, PAF Colony, Zarar
Shaheed Road, Lahore Cantt, Pakistan



Thinning:

If necessary, for roller/brush application, Roka Coat FG can be diluted with up to 5% Roka EP Thinner by volume. For spray application, 10 – 15% dilution can be done.

Application:

Roka Coat FG can be applied using a brush/roller, air assisted spray, or airless spray gun. The recommended use of method is with airless spray, especially for large applications. Brush, roller, and compressed air spray generally lead to lower film thickness, so more applications may be required to obtain the recommended thickness per coat.

Safety Measures:

- Roka Coat FG is highly flammable. Eliminate all sources of ignition in and around the working area. In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.
- Do not smoke in or around the working area.
- Ensure the working area is well ventilated and avoid inhalation of vapours and spray mist.

Cleaning:

Wash all the tools and equipment with Roka EP Thinner immediately after use.

Health and Safety:

Use of protective clothing, safety goggles, gloves and combined organic vapour respirator is recommended while handling Roka Coat FG. Avoid contact with skin and avoid vapours or mist inhalation. In case of any contact with skin, immediately clean with industrial skin cleanser followed



+92 321 4543320



info@rokachemsolutions.com



rokachemsolutions.com



83 A, Block C, PAF Colony, Zabar
Shaheed Road, Lahore Cantt, Pakistan



by washing with soap and water. Any splashes in eyes should be cleaned with plenty of clean water and seek medical assistance immediately.

If you have trouble breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

Important Note:

The information provided in this data sheet is based on ongoing development efforts and extensive field experience. While we strive to ensure the accuracy and reliability of the information, we cannot assume responsibility for any work performed using our materials, as we have no control over application methods, site conditions, and other factors. Due to ongoing research and development in our laboratories, we recommend that customers verify that this data sheet has not been replaced by a more recent publication.

All products are sold under our standard conditions of sale, which are available upon request. Any field services offered do not imply supervisory responsibility. For further information, please contact your local representative of Roka Chem Solutions.



+92 321 4543320



info@rokachemsolutions.com



rokachemsolutions.com



83 A, Block C, PAF Colony, Zarar
Shaheed Road, Lahore Cantt, Pakistan