

ReArm Coat CT

(Formerly known as MYK Coat CT)

High Performance Epoxy- Coal Tar



TECHNICAL DATA SHEET

Product Description

ReArm Coat CT is Epoxy Coal tar protective coating, having excellent chemical resistance to a wide range of chemical.

Uses

- Protection to steel ,& concrete structures
- Soils for granular chemicals
- Protective coating for underground concrete structure and bridges
- Under-side of motor vehicle chassis
- Protection of concrete from water vapor transmission Permeability & chemical system
- Recommended for Sewage treatment plants & ETP

Features and Benefits

- Excellent adhesion to wide range of substrate like, concrete, steel etc.
- Resistant to wide range of chemical
- Can be applied for both above ground as well as underground structures
- Easy to apply

Application Methodology

Step No 1: Surface Preparation

Mild steel surfaces shall be pre-treated by sand blasting to remove loose scale from the surface. If sand blasting is not possible, abrading with coarse emery paper is recommended. The surface is then degreased with acetone or toluene.

Concrete, shall be cleaned thoroughly with stiff wire brush which enables better adhesion properties with surface.

Step no 2: Product Mixing

Before mixing, the content of each tin should be thoroughly stirred to disperse any settlement which might have taken place during storage. The entire contents of the Hardener should be poured into the base and thoroughly mixed for at least 3 minutes. By using slow speed (300 -400 rpm) heavy duty drilling machine fitted with a mixing paddle until uniform colour consistency is obtained.

Step No 3: Product Application

After through mixing of a Base and Hardener, the mixed material is applied by brush on the steel or concrete substrate. Since the pot-life is very short, application must be done very quickly.

It is recommended to apply 300 Microns WFT thicknesses in one or two coats b ensuring continuous film is formed.

The second coat is applied when the first coat is tack-free.

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Technical Data

Component Detail:	
Base	Pale yellow colored liquid
Hardener	Black color thick liquid.
Mixed Color	Black
Mix Density:	Approx. 1.25 gm/cc
Pot life @ 20°C	30 minutes
@ 30°C	15 minutes
Solid content	97%
Bond strength @ 7 days at +27°C (ASTM D4541-95)	1.5 N/mm ² (concrete failure)
Time between coats @30°C	8-12 hrs
Surface drying time @ 30°C	Approx. 8-12
Initial Hardness @ 30°C	24 hrs.
Full cure	7 day

If the temperature is below 30°C the pot life will be increased.

Temperature limitations:

Minimum application temperature 18°C, at temperatures below 18°C and over 35°C, please contact MYK Arment technical Cell.

Consumption

Approximately 0.390kg/m² @ 300 microns DFT per coat. However coverage's will vary depending on the concrete surface and porosity level recommend to do sample application to conclude on the coverage's.

Note: Two coats are recommended.

Packaging

ReArm Coat CT is supplied in 6.9 kg composite pack.

Storage and Shelf Life

The resins and hardener, when stored in their original containers and not exposed to undue heat or humidity as in outdoor open sheds. Will have a minimum shelf life of 12 months.

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Health & Safety

- As far as possible, direct contact of base and hardener with the skin should be avoided as they might cause irritation on sensitive skin. Special barrier creams and clearing creams, are available commercially as additional safeguards.
- During application wear protective clothing, gloves and eye goggles during application. Avoid product to contact eyes and skin.
- Skin Contact: Wash immediately with plenty of clean water, use kerosene or mineral turpentine when the product has dried.
- Eye contact: In the event of eye contact splash plenty of clean water immediately and seek medical advice.

Product Categories Available



Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

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