

DECKRETE MF-CV

Heavy Duty PU Mortar (3mm– 9 mm)

Description

Deckrete MF-CV is a water dispersed PU mortar, suitable for heavy duty application. It can be applied vertically, thus making it suitable for coving, skirting, plinth, drains and tank bases.

Uses

Deckrete MF-CV is widely used on industrial heavy duty industrial areas such as food industry wet process areas, meat and fish processing, processed meals, dairies, breweries and wineries, soft drinks, sugar refineries and confectionery production, chemical production and many more applications.

Advantage

- Minimum downtime – tolerant of substrate moisture and fast curing
- Non-tainting
- Hygienic – will not support bacterial growth
- Easy to clean (can be steam cleaned)
- Extremely tough and hard wearing
- Highly temperature and thermal shock resistant
- Highly impact resistant
- Resistant to almost all chemicals
- Non-dusting

Standard Color



Appearance

Deckrete MF-CV provides a positive textured finish with a matt surface.

Design Life

10 – 15 years, subject to proper maintenance.

Physical Properties		
Compressive Strength (ASTM C 109)	> 30 N/mm ²	
Flexural Strength (ASTM D 790)	> 10 N/mm ²	
Adhesive Strength (ASTM C 321)	>1.5 N/mm ²	
Tensile Strength (ASTM D 638)	> 5 N/mm ²	
Abrasion Resistant (ASTM D 1044) Taber H-22	1210 mg/1000 cycles/1kg	
Water Permeability (Nils Karsten)	Impermeable	
Temperature Resistant	3-4 mm	-5°C - 90°C
	6-9 mm	-40°C - 120 °C

System Design

Specification Detail	Coverage
Deckrete EP	0.2 kg/m ²
Deckrete MF-CV (4mm)	8.0 kg/m ²
Deckrete MF-CV (6mm)	12.0 kg/m ²
Deckrete MF-CV (9mm)	18.0 kg/m ²

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from dust, loose particles and contaminants such as oils, fats, greases, paint residues, chemicals, algae and laitance. Substrate moisture levels should be no greater than 75% RH. BS 8204 SR 2 – 5 mm at every 3 meter.

Application

Please read Deckrete MF-CV Method Statement for requirements of surface preparation, mixing and application.

Cure Schedule	35°C
Light Traffic	12 hours
Full Traffic	24 hours
Full Chemicals Cure	5 days

Maintenance

Regular cleaning of Deckrete MF-CV may be carried out using a rotary scrubbing machine with a water miscible cleaning agent.

Temperature Resistance

Deckrete CV is resistant to temperature cycles up to 120°C dry heat and 100°C wet heat. Extended periods at these temperature and above will make material susceptible to chemical attack and abrasion wear.

Technical Support

TOPKRETE offers a comprehensive range of high performance, quality products. TOPKRETE offers a technical support package to specifiers and contractors which include assistance with product selection and technical advice from staff with unrivalled experience in the industry.

Health & Safety

For further information, refer to the product Material Safety Data Sheet, available upon request.

Additional Information

Topkrete manufacturers and offers a wide range of complementary products which includes waterstop, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spelled concrete are available.

Warranty

Topkrete Sdn Bhd warrants that the products manufactured by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to TOPKRETE SDN BHD shall be limited to replacement of the material proven to be defective, and TOPKRETE SDN BHD shall in no case be liable otherwise or for incidental or consequential damages. **TOPKRETE SDN BHD MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED.** User shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith.

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