

Product Data Sheet
Edition 07.2008
Identification No. P - 10

KEMCOAT W

Water Emulsifiable Pigmented Epoxy Coating



Description

KEMCOAT W is multi purpose water based two components epoxy coating, which cures to form a semi mat, flexible and easy to clean finish.

KEMCOAT W combines the economy of water emulsifiable coatings and the durability of epoxy based coatings.

Where to use

As an attractive easy to clean protective coating for walls in which can be applied on concrete, rendering, stone, asbestos cement, steel, iron, wood...,etc for basements, workshops, hospital, food and pharmaceutical factories

Advantages

- Easy to use pre weighted packing.
- Economic.
- Hygienic and can be cleaned by commonly used cleaners and detergent.
- Durable.
- Water based no fire hazards.
- Produced in several colours.

Properties

Specific gravity	1.41±0.02
Solid content	69 ± 2 % (by volume)
Flash point	>200 °C
Application method	Airless spraying, roller or stiffed brush
Pot life at 23°C	2 hours
Dry to recoat	18 hours min. 2 days max.
Abrasion resistance	According to DIN 53109 (taper abrasion) 120mg.
chemical resistance	Resistant to water, juice, petrol, oil, fuel, sodium chloride and some other alkalies.

How to use

Surface preparation:

- Concrete substrate: should be dry, clean and free from loose particles.
- Steel substrate: Sand blast, grit blast, or any other efficient method and ensure that all traces of rust are removed. Steel should then be primed by KEMPRIM M.

• Please refer to PROKEM technical office for further details on surface preparation and application procedure.

Mixing:

Stir the contents of the resin pack A to dispense settled components, then add the hardener pack B and mix thoroughly until a uniform consistency is obtained.

Mixing ratio (4: 1) PBW.

Application:

- Apply first coat of KEMCOAT W with a distemper brush or roller to obtain a continuous uniform thickness and wetting of the surface.
- Apply the second coat within the recoating interval to achieve the maximum adhesion between the two coats.
- Thinning to 20 % with water is allowable.

Cleaning:

Tools and equipment should be cleaned with special solvent immediately after use.

Theoretical coverage

3.45 sq m/lit (0.4 kg/m²) for 200 microns d.f.t.

Packaging:

Two pack (A: B) 1, 5 kg pails

Storage:

KEMCOAT W has a shelf life of 12 months if kept in original packaging in a dry condition.

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Precautions

Ambient and substrate temperature.
Min. +10°C (at least t₃°C above dew point)
Max. +30°C
Adequate ventilation must be provided.

Health and Safety

- Use goggles, gloves and breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Skin splashes to be removed with hand cleaner, soap and water.
- Eye splashes to be washed with plenty of water.
- If ingested seek medical advice.

Additional Information

PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction, PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.