



Kemia
For Building Products

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KEMIA EPOXY 1151 S.F

Two component non toxic epoxy solvent free protective coating for concrete & metal

PRODUCT DESCRIPTION

Kemia epoxy 1151 S.F is a non toxic coating is based on solvent free, epoxy resins which contain pigments and fine fillers to concrete and metal surfaces which is both chemical and corrosion resistant

-Kemia epoxy 1151 S F. is applied to dry, surfaces generally as a tow co application to give a final dft of 300 microns. It is available in whit and grey to enable simple, visual checking for full coat application

suitable for applications such as:

- Pipes and tanks
 - Reservoirs and water treatment works Grain silos and dairies
 - Meat and food processing environments
 - Suitable for use in contact with potable water
- It shall further presses excellent bond and chemical resistance properties.

USES

ADVANTAGES

- Easy to clean, smooth gloss finish ,with high build coating .
- Easy to apply, solvent free, formulation makes it capability.
- Suitable for use in confined spaces . -Low cost service life
- resistant to mould growth, Chemical attack and abrasion.
- Multi-purpose coating , due to non toxicity.

TECHNICAL DATA

-Solids content	100 % by weight
-Specific gravity	Approx 1.34 g / cm ³
-Pot life	30 at 25 c°
-Drying time	(at 20c° 6hrs) (at 30c° 4hrs)
- Recoatable	(at 20c° 24hrs) (at 30c° 18hrs)
-Fully cured	7 days

COVERAGE

-Material consumption depending on surface condition (roughness, porosity,etc)
material consumption for concrete may be higher than steel also, first coat consumes more than second coat .

Spreading Rate m²/kg : 6.35 4.25 3.20 2.55 2.10
DFT in M : 100 150 200 250 300

INSTRUCTION FOR USE CONCRETE SURFACES:

All surface laitance should be removed by grit blasting or water jetting, to provide a suitable key for **kemia epoxy 1151 S F** Following the preparation of concrete surface, care should be taken to ensure that any exposed blowholes are filled with Epoxy putty.

CHEMICAL RESISTANCE

- 1-Very good resistance to solvent & organic compound .
- 2-Excellent chemical resistance with alkalis .
- 3-Very good chemical resistance with diluted acids.
- 4-Excellent resistance to Aqueous solution and Sewage water.

HEALTH AND SAFETY

- Wear protective cloths, gloves, and face protection .
- For skin contact, remove it with suitable cream and followed by soap and water
- For eye contact rinse with plenty clean water and then seek medical advice.
- For more details, require safety data sheet for the product.



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