



**An Industrial Care**

**Company**

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Technical Data Sheet

### PRODUCT DESCRIPTION

Metal Membrane - 2K is an anticorrosive flexible cementitious membrane with active anti-corrosion additives to pacify and restrict the spread of corrosion.

### BENEFITS:

- Active Corrosion resistance
- Non conductive
- High bond strength
- Superior mechanical strength
- Freeze/thaw resistance
- Proven long term Exterior durability
- Surface Tolerant

### APPLICATION PROCESS

Preparation: The surface must be clean, sound and free of loose rust. It must be free from grease or any impurities which may act as a separating layer between coating and metal surface.

#### Mixing Ratio:

- 1) Mix one 25 kgs of Metal Membrane - 2K Powder with 10 kgs of Metaflex 2C liquid.
- 2) Pour approx. 2/3 of the liquid component Metaflex - 2C into a container and add Metal Membrane - 2K powder component whilst stirring until a lump free mass is achieved. Mixing time of 2-3 minutes is required. After that add the remaining Metaflex -2C liquid and stir until a uniform consistency is achieved.
- 3) In hot climates maximum 5% water can be added to the mix to improve workability

#### Application:

Metal Membrane - 2K can be applied by brush, roller, or sprayed on to the surface. At least two coats of Metal Membrane - 2K are necessary. The applied thickness of the coating must correspond with the required minimum thickness for the expected conditions. Due to possibility of crack

formation, avoid applying more than 2 kg per sq. mtr. (1mm DFT) in a single coat.

Metal Membrane - 2K can also be applied on anti-corrosive epoxy primer after sanding the surface.

#### Note:

1. In hot and humid climates coating may become slight sticky during the curing process. If this occurs, do mist coating with water, 24 hours after application to ensure complete hydration of material.
2. Avoid direct sunlight during application.
3. Extended curing time may be required for highly humid and inadequate ventilated environment i.e. water tanks.

### MAINTENANCE

Clean surface with fresh water to avoid deposits of salt especially in Marine environment. For added safety, the coated surface can be maintained with good quality acrylic emulsion paint.

### AREAS OF APPLICATION

1. Steel Structures
2. Pipelines & Poles
3. Steel decks
4. Water & Waste water treatment tanks.
5. External Tanks

### SAFETY PRECAUTIONS CAUTION

This product is not expected to be acutely toxic by single, oral, dermal, or inhalation exposure. It may be mild to moderate skin and eye irritants. It is suggested that these materials be washed from the skin with soap and water.

KEEP AWAY FROM CHILDREN

### PACKAGING

Powder Component = 25 kgs.  
Metaflex - 2C Liquid = 10 kgs

#### **PATSA Industrial Products & Services**

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