

MHS-Protect

Technical Data Sheet

Description: 2 part Anti-corrosion coating

Intended use: Coats metal, fabrics, ceramics, glass, wood and concrete

Features: No heat transfer, inert to UV, H₂S/Sour gas, most solvents & Acids

Technical data should be considered representative for specific applications contact KCI

Typical Physical Properties: Curing time at 20°C =6-8hrs. (Product cures faster in high temperatures)
Hardener ratio 10:0.75 (Can be altered in consultation with KCI)
Premix form: Hardener – Liquid (Clear)
Compound – Paste (Can be coloured to meet customer's specification)

Mixed

Relative density = 1.8
Flash Point = >100°C (closed cup)

Cured

Shore Hardness = 24(Shore A)
Tensile Strength = 4.7Mpa Tear strength = 26Kn/M
Shrinkage =0.2-0.4%
Colour – As per customer specification
Product self-levels at approximately 2mm
Structure: Flexible solid rubberized material
Operational Temperature -50°C – 250°C

Surface Preparation: Remove any loose material and clean excess oil and grease. Excessive corrosion can be removed with wire brush and/or water blasting although the product bonds well to both corroded and polished surfaces.

Mixing Instructions:

1. Add full volume of hardener provide unless discussed otherwise with KCI
2. Only mix product in tubs provided
3. Using spatula provided mix products together through marbling effect until a uniform colour is achieved
4. Apply to surface immediately after mixing





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Application 1. Apply to surface using paintbrush provided
Instructions: 2. Start at top of area to be coated and work down
3. If too much product is applied, clean the brush and remove excess material.
4. A full coating of area to be coated should be achieved with no gaps of bare patches.

Storage: Store in a cool dry place.

Shelf life: 12 Months

Expected Lifespan: Approximately 25 years+ if left undisturbed (If product is damaged or ruptured, repair kits are available)

Removal: For removal the product can be cut and peeled. Once removed the product is classed as “domestic rubbish” and can be disposed of in conjunction with local regulations (small volumes)

Precautions: Please refer to appropriate material safety data sheets (MSDS) prior to using this product.

For technical assistance call KCI on +44 1224 255480 (24hrs)

Disclaimer: Information on this data sheet is based on laboratory testing and is not intended for design purposes. KCI make no representations or warranties of any kind concerning this data.

For advice on specific applications contact KCI on +44 1224 255480 (24hrs)

