



032-195-2817  
Environmentally  
Preferred Coating

# KISCOTE F1

## Single Component Liquid Applied Rubber Membrane

### DESCRIPTION

KISCOTE F1 is a single component, ready-to-use and water based waterproofing membrane, formulated based on styrene-butadiene co-polymer.

KISCOTE F1 is specially designed for waterproofing a various range of vertical and horizontal surfaces. Its elastomeric characteristic provides a seamless waterproof membrane for all building substrates and surfaces before others suitable finishes or toppings are applied.

Once cured, KISCOTE F1 can withstand ponding water and hence suitable for use in continuously immersed areas which includes swimming pools, toilet and other water retention structures.

### RECOMMENDED USE

- Basement
- Bathrooms
- Environmental deck
- Kitchens
- Planter boxes
- RC roof and roof terrace
- Water tank
- Internal wet areas
- Sealing and coating over tie-bar holes
- Swimming pool and ponds

### ADVANTAGES

- Can be applied to damp surfaces
- Economical and simple to apply
- Excellent adhesion
- Fast setting time
- Flexible
- High water resistance
- No mixing required
- Non-toxic

### PACKAGING

KISCOTE F1 is supplied in 20 litres pail

## **APPLICATION GUIDELINES**

### a) Surface Preparation

- Receiving surface shall be of relatively even and smooth finish.
- Surface must be clean and free of voids, loose materials, oil grease, curing compounds, sealers and any foreign matters.
- All brick-walls must be made flush before application.
- Prior to application of KISCOTE F1, all floor trap pipes must be cut, made to same level of the receiving surface.
- All crack-lines, holes, honeycomb or unsound surface must be patched and repaired with our high strength grouting material, KISCRETE 1.
- Along all horizontal floor and vertical wall joints, junction corners and around pipe protrusion, a 25 x 25mm cement sand mortar fillet must be formed.
- Surface must be made damp prior to application of KISCOTE F1.

### b) Application

- Apply KISCOTE F1 with brush or roller onto the receiving surface.
- The recommended wet film thickness is minimum 0.4 mm per coat.
- KISCOTE F1 is applied in two coats, achieving a total minimum dry film thickness of 0.6 mm.
- Allow approximately 1 hour for first coat to cure before applying the second coat.
- Leave the second coat of KISCOTE F1 to cure overnight before proceeding to conduct any flooding test.
- KISCOTE F1 must be protected against direct UV-radiation and heavy human traffic after passing the flooding test with a floor screed.

## **LIMITATION**

KISCOTE F1 must not be applied during rain or when rain is expected for unsheltered application.

## **COVERAGE**

- Approximately 0.8 litre of KISCOTE F1 per coat per square meter, in 2 coats.
- 1 pail of KISCOTE F1 is expected to cover an area of up to 25 square meter (2 coats).

*\*(Coverage expected to vary with respect to surface condition).*

## **STORAGE**

KISCOTE F1 should be stored in tightly sealed original packing at room temperature up to 12 months from date of manufacturing.

## **HEALTH & SAFETY**

Refer to SDS for further information.

## **TECHNICAL PROPERTIES**

<b>KISCOTE F1</b>	
Appearance	Dark grey
Density	1.20 - 1.30
Total solids	> 80%
Viscosity at 20rpm	10,000 - 18,000 cps
<b>PROPERTIES</b>	
Adhesion-to-substrate (ASTM D4541)	0.7 N/mm <sup>2</sup> (after fully cured) 0.5 N/mm <sup>2</sup> (after water immersion)
Crack bridging (ASTM C836)	No cracks at 2mm width
Tensile strength (ASTM D412)	> 2.0 N/mm <sup>2</sup> (ater fully cured) > 2.0 N/mm <sup>2</sup> (after heat ageing or chemical immersion)
Elongation at break (ASTM D412)	> 170%
Water penetration (DIN 1048 PART 5) Remark: 0.2kgf/cm <sup>2</sup> for 12 hours	No water penetration
Set-to-touch (ASTM 1640)	50 minutes
Shore a hardness (ASTM D2240)	> 75

### **IMPORTANT NOTES**

Any information and/ or specification contained herein is to the best of the company knowledge, true and accurate, it is always recommended that trial to be carried out to confirm suitability of use for all products, as no warranty is given or implied in connection with any recommendations and/or suggestions made by the company representatives, agents and/or distributors.

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