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DIVERSE URETHANES

(Reg No. 2009/210498/23)

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TECHNICAL DATA SHEET

Div HS-40

Solvent-based One Component Polyurethane Waterproofing Coating

DESCRIPTION.

Div HS-40 is a solvent based One Component Polyurethane Waterproof Coating using advanced international technology, drying to a rubber like membrane. It does not contain coal tar pitch, is non-toxic and tasteless once it cures.

PROPERTIES.

- A. Non-toxic, tasteless, non-polluting, safe and environmentally safe.
- B. One component and convenient to use.
- C. Has good acid and alkaline, heat and cold resistance (-30°C - 90°C).
- D. Good integrity, and forms tough and resilient sealing layer after the film formation.
- E. Can be applied to concrete, masonry, wood, glass, metal and rubber etc.

APPLICATION

- A. All kinds of roofing and gutters.
- B. Underground construction, such as basement concrete floors, interior and exterior walls, retaining walls, tunnels etc.
- C. All kinds of buildings, (e.g.: toilets, kitchens, pools, flower beds, sluice floors, construction joints, expansion joints, through-wall pipe, outfalls etc).
- D. Can be used as an anti-corrosion lining, on steel or concrete tanks.

MAIN TECHNICAL INDEX

Test Item	Index
Solid Content (%)	≥80
Surface Drying time (h)	≤12
Complete Dry (h)	≤24
Low Temp. elasticity (°C)	≤ -40 No cracking
Pourosity (0.3Mpa,30min)	Waterproof
Tensile Strength (Mpa)	≥1.90
Elongation at Break (%)	≥550

CONSTRUCTION USAGE

- 1) Basic Treatment: Substrate has to be sound and free of contaminants such as dust, water, oil, etc.
- 2) Application: Can be applied up to 3 coatings thick. Product can be applied with a roller, painting direction should be perpendicular to the previous coat. Apply while still tacky between coats.
- 3) Standard waterproofing requires only one coat.
- 4) Can be used with fiberglass or non-woven membranes to improve waterproofing properties.
- 5) To ensure good adhesion between the Div HS-40 and other substrates such as tiles or screeds, it is recommended to broadcast sand onto the surface of the Div HS-40 while it is still tacky.
- 6) Material Usage: 1mm thickness is about 1.2 – 1.4kg/m², 1.5mm thickness is about 1.6 – 2kg/m², 2mm thickness is about 2.5kg/m².

NOTES

- 1) It is recommended that once the container is opened, it is used completely.
- 2) Sealed Containers should be stored in well ventilated, shady and dry conditions. Under these conditions, the shelf life is 4 months.

PACKAGING

25kg/ crimp top steel containers.

T's & C's

For PROFESSIONAL USE and should be applied by professional and skilled workforce only.

The information supplied is believed to be reliable. However as we have no control over the application of the product we cannot guarantee results to be obtained. Users assume all risks and liability resulting from the use of the product and must confirm the suitability thereof by their own tests. No guarantee is expressed or implied. Field service provided does not constitute supervisory responsibility. Liability is limited to replacement of faulty material