

PRODUCT SPECIFICATIONS

INSUBLOCK-400
Elastomeric
Liquid membrane

Founded by

Osman Ahmed Osman

1974

INSUBLOCK-400

Product Description:

Insublock-400 Is a one component elastomeric waterproofing compound designed to replace Traditional hot mop felt ply sheeting systems. It is applied in a single application which cures through solvent evaporation to provide a heavy duty "seamless" rubber-like, impervious membrane, It is cold applied requires no special equipment such as kettles, Easily transported to small or "hard to get at" application.. Excellent adhesion to most construction surface such as-concrete-stone-wood-cement and metal.

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FIELDS OF APPLICATION:

INSUBLOCK-400

INSUBLOCK-400 used for above, on, and below grade installations for waterproofing parking decks, bathrooms, tunnels, planters, mechanical rooms, reflective pools and foundation walls. Excellent compound to repair waterproofing membrane (oxidized or modified torched membrane) .

FEATURES:

- Cold applied elastomeric-liquid modified Bitumen insulating water perfectly and used easily .
- Cold applied requires no special equipment such as kettles .
- Excellent adhesion to most construction surface such as concrete, stone, wood cement, and metal .
- Resistant to mild acid, alkalis, Salt and calcium chloride solutions .
- Easily transported to small or " hard to get at " application

APPLICATION:

- All surface must be sound, dry free from grease, dirt or other contaminants and must be reasonably smooth .
- Curing compound must be removed prior to application of membrane, joints, cracks, and wall junction require preparation .
- Condition materials at room temperature prior application.
- Apply materials with a trowel long-handle squeegee or suitable spray equipment to minimum thickness of 2 mm.
- In direct sunlight, membrane may develop blisters on precast and cast-in-place Concrete due to the expansion of air in void, This can be overcome by applying 2 layers of InsuBlock-400 reinforced between layers with polyester Fabric.

TECHNICAL DATA

PHYSICAL PROPERTIES	RESULTS
Colour	Black
Solid by Weight	55% (approx)
Coverage	1.2 kg/m ²
Setting Time Through	24 hours

CURED PROPERTIES	RESULTS
Service Temperature	(-20 C to 110 C)
Elongation	400% (ASTM D412)
Shore A Hardness	35
Chemical Resistance	Resist mild acid, alkalis, salt And calcium chloride solution
Permeance	0.003 µg/pa.m ² s (ASTM E96)

NOTE : INSUBIOCK-400 must be protect from damage by cement layer after application and completely dry.

CAUTION : - INSUBIOCK-400 contains flammable organic solvents.

- Don't smoke or use open flame during application or during the first hour of drying.

SHELF LIFE : 12 months if stored in good conditions and in undamaged containers.

NB: The above products data is subject to technical updating without prior notice due to technological research and development pursued by **INSUMAT**.