

### DESCRIPTION

**ISOTECH SEAL 2000** is a single pack highly elastic liquid waterproofing styrene acrylic emulsion designed for liquid roofing coating & wet areas. It is a super waterproofing which does not age or harden, having good thermal tolerance & UV resistance.

### USES

- Waterproofing roofs, plaza & car park decks.
- It can be used as protective UV resistance sleeve coat for costly resin or other vulnerable when exposed waterproofing system.
- Protective membrane for PU installation.
- For repair of old or existing damaged waterproofing system.
- For use as waterproofing for wet areas (bathrooms & kitchens)
- For damp proof membrane in sandwich construction as a general purpose water proofer for walls, floors & other constructions.
- It is also an effective adhesive & bonding agent for insulation boards, cork panels, etc.

### ADVANTAGES

- Completely waterproof
- Excellent elastic regain
- Flexible at low temperatures
- Superb adhesion to all sound roofing surfaces
- Outstanding exterior durability UV light, infrared & ozone resistance
- High resistance to dirt pick up hence long term reflectivity & lower air conditioning costs.
- low toxicity & odor.
- low moisture vapor transmission
- Excellent film integrity
- Easy application
- Easy cleaning
- Pedestrian properties of the roofing membrane

### APPLICATION

Ensure that the surface to be treated is free from any loose particles, dust, oil, and dirt, extra cement blocks & especially sand.

Clean a second time, using a soft broom or a vacuum cleaner, to make sure that the surfaces are absolutely dust free.

### PRIMING

- Apply one coat of diluted **ISOTECH SEAL 2000** {1: 1 with water} by roller, brush or spray gun.
- When applying on a defective bitumen layer use 100g/m<sup>2</sup>
- For concrete surfaces use no more than 200g/m<sup>2</sup>
- Wait at least three hours.

### Note: Fiber Coating

It is advised for a heavy duty & long lasting application to lay fiber on the surface to be treated. This fiber can be applied on the existing cracks only.

### TOP COAT

- Apply one coat of **ISOTECH SEAL 2000** without adding any water to it on the entire area.
- In case of using fiber layer, apply **ISOTECH SEAL 2000** in one direction to avoid bubbling of the fiber.
- Wait 24hours for the first coat to dry, then apply the second coat of **ISOTECH SEAL 2000**.

### COVERAGE

1.25kg/m<sup>2</sup> millimeter of thickness

### HEALTH AND SAFETY

It is recommended to use rubber gloves during working with **ISOTECH SEAL 2000**. In case of contact with eyes flush with plenty of water

### CLEANING

Tools use for **ISOTECH SEAL 2000** should be cleaned with water directly after use



# ISOTECH SEAL 2000

Super Elasticity Waterproofing Membrane

(formerly ISOSEAL 2000)

## TECHNICAL SPECIFICATIONS

Appearance	Paste
Color	White, Grey, Black or as requested
Specific Weight	1.25kg/liter
Solid Content	70%
Superficial	After 1 hour
Complete Drying	After 2 days (2mm thickness) depending on weather & site
Water vapor permeability	5.8glm <sup>2</sup> for 24 hours emersion
Extension of break up	550%
Application Method	Brush /Roller /Spray
Storage	Should be stored in dry & cool place in its original un-opened container.
Shelf Life	1 year
Packinga	20kg/Pail

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