

NCI CHEMICAL INDUSTRY LTD



MASTER PU 95

Description:

The MASTEREAL 95 is a premium, liquid-applied, highly permanent elastic, cold applied and Moisture-triggered, one component polyurethane membrane used for long-lasting waterproofing. The MASTERSEAL 95 is based on pure elastomeric polyurethane resins, which result in excellent mechanical, chemical and thermal resistance properties. MASTERSEAL 95 cures by reaction with ground and air moisture

Advantages

- **HIGH SOLIDS**
- Extremely fast reactivity.
- Low permeability.
- Thermal stability, low temperature flexibility.
- Excellent adhesion to concrete, steel, fiberglass, wood, foams etc.
- Very good chemical resistance to various chemicals.
- Excellent Resistance to Thermal Shock.
- Resistance to standing water.

Applications

- Waterproofing of flat Roofs
- Waterproofing of Balconies, Terraces and Verandas
- Waterproofing of Pedestrian and Vehicular traffic Decks
- Waterproofing of old Bitumen felts, Asphalt felts and old Acrylic coatings
- Protection of Polyurethane Foam Insulation

Key data

MASTERSEAL PU 95

Viscosity at 25°C (Rotary viscosity, ISO 3219), mPa.s	4500-6500
Density 23 C	1.38-1.42g / mm ²
Solids %	93
Gel time, hrs	3 - 5
Tack free,hrs	5 - 8
Recoat time, hrs	48
Theoretical coverage	1.4 ltr/1 m ² / 1mm
Cure time @ 23 C	7days 100%

Physical properties:

Tensile strength, ASTM 412	3.4 MPa (N/mm ²)
Adhesion to concrete > 2,0 N/mm ² (concrete surface failure)	
Crack Bridging Capability	up to 1,5 mm
Elongation %, ASTM 412C600 %	
Shore hardness A	65
STD COLORS	WHITE /GREY

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Packaging & Storage

MASTERSEAL PU 95 is supplied in 25kgs kits. The product has a shelf life of one year when stored at room temperature in the original sealed container.

Important Note:

All guidelines, recommendations, statements and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. It is the user's responsibility to satisfy himself by his own information and tests, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability from his use of the product.

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