

LIQUID MEMBRANE WATER PROOFING

Description :

A high performance PU based with permanent elasticity properties, one component ready to use by spray or roller brush results in good UV resistance and high mechanical strength, high thermal resistance and chemical resistance. It is a solvent based polyurethane liquid-membrane which is cold applied and cures naturally.

Properties : It is suitable for cementitious surfaces, rooftops of ware-houses , metallic joints protecting bridge-decks, tunnels, pedestrian-decks Concrete buildings, sheds warehouses, metal joints, concrete joints roof tops, automotive exterior roof top coatings like buses, ship building, railways & metros.

PARAMETER	TEST METHOD	VALUES
Composition		Hybrid Pre Polymer
Color		Light Grey
Elongation at Break	ASTM D 412/DN 52455	> 600%
Tensile Strength	ASTM D 412/DN 52455	> 2 N / mm2
Water Vapor Permeability	ISO 9932; 91	> 25 gms/m2 per day
Resistance to Mechanical Damage by Static Impression	EOTA TR -007	High Resistance (Class 3)
Resistance to Mechanical Damage by Dynamic Impression	EOTA TR -006	High Resistance (Class 3)
Resistance to Water Pressure	DIN EN 1928	NO Leak (1 Mtr water column, 24 H)
Hardness	ASTM D 2240 (15")	50
UV Resistance	POTA TR 010	Pass
Range Stability		4 Hrs
Curing Time	20°C at 50% R.H	7 days
Chemical Resistance	Good Resistance against acidic and alkali solutions 5% Detergents, 5% and Sea Water and Oils 5%	

Colors : Grey

Packing : 2x5 Kg in a carton/1x25 Kg pail

