

## DESCRIPTION

SUPER PROOF IS A HIGH PERFORMANCE WATERPROOFING MEMBRANE ARE USED FOR WATERPROOFING , DAMP PROOFING ROOFS, FOUADATIONS, FOOTING, BASEMENTS,WATER TANKS, TUNNELS, SWIMMING POOLS AND TANK LINING SURFACE APPLICATION. THE TECHNO TORCH MEMBRANE IS RESISTANCE TO CLORIDES, SULPHATES AND PHOSPHATES FOUND IN GROUND WATER.

IT IS SHIELD FOR RESISTANCE TO WATER BORN CHEMICAL ATTACK, WITHSTANDS THERMAL SHOCKS AND IDEAL FOR USE AS AN EXPOSED SURFACE. EXCELLENT BARRIER TO WATER AND VAPOUR, ALSO RESISTANCE TO ATMOSPHERIC AGENT AND AGING.

THE UPPER SURFACE IS COVERED WITH FINE SAND OR THIN POLYETHELIN FILM. THE BOTTOM SURFACE IS COVERED WITH A THIN FILM OF FLAMMABLE POLYETHYLENE FILM.

SUPER PROOF IS MANUFACTURED WITH EITHER 60 gm/m<sup>2</sup> FIBER GLASS OR WITH 160 gm/m<sup>2</sup> NON WOVEN POLYSTER IMPREGETED AND COTED WITH MIXTURE OF FINE APP POLYMER MODIFIED BITUMEN.

## USES

SUPERP PROOF IS DESINED FOR THE APPLICATION AS BARRIER SHIELD BETWEEN SURFACE OF SRUCTURE, CONCRETE, WOOD, FOUNDATION AND WATER. SUPERP PROOF IS ALSO BE APPLIED MECHANICALLY, BY NAILING THE MEMBRANE SHEET TO THE DECK USING FASTENERS

## APPLICATION

THE SUPER PROOF MEMBRANE IS FIRST BEING UNROOLED AND FIXES THE POSITION CORRECTLY ON THE SURFACE TO BE TREATED. ALL ROLLS SHOULD OVERLAP THE ADJUSENT ROLL BY 12 CMS. AND END LAPS 15 CMS.ONCE THE ROLL HAS BEEN POSITIONED CORRECTLY THEN ROLLED UPAGAIN WITHOUT CHANGING ITS ORIENTATION. USING THE LEFT TO RIGHT MOVEMENT HEAT THE BOTTOM SURFACE OF THE ROLL WITH A PROPANE GAS TORCH. THIS WILL CAUSE SLIGHT SURFACE MELTING AND ADHESION TO THE SUBSTRATE AND ADJUSENT LAP PERMANANTLY.

SURFACE PREPARATION IS MUST BY APPLIED COAT OF TECHNOPRIMER AT THE RATE OF 200 -300 gms. /m<sup>2</sup> AND ALLOW THIS COATING TO DRY THROUGHLY.

(PLEASE REFER OUR TWF APPLICATION PROCEDURE GUDE BEFORE APPLICATION )

## TOOLS AND EQUIPMENTS

TOOLS AND EQUIPMENT REQUIRED TO APLY SUPER PROOF MEMBRANE INCLUDE PROPANE GAS TORCH RELATED CYLENDER, A KNIFE FOR CUTTING AND TRIMMING, A TROWEL WITH A ROUNDED END.

## PACKING

SUPER PROOF IS PRODUCED AND SUPPLIED IN GOOD QUALITY ROLLS OF 1 X 10 METERS SHRINK-WRAPPED ON PALLETS. SPECIAL LENGTHS ON REQUST ALSO AVAILABLE.



## TECHNICAL DATA

## APP MAMBRANE

THE DATA ARE AVERAGE FIGURES OBTAINED FROM THE RANDOM INTERVAL TEST IN LABORATORIES WITH INTERNATIONAL APPLICATION STANDERD.

PROPERTIES		SUPER PROOF					TEST METHODE
		2F	3F	4F	3P	4P	
Reinforcement core		60 g/m <sup>2</sup> FIBER GLASS			160 g/m <sup>2</sup> POLYSTER MAT		UEAtc
Softening point		150 <sup>0</sup> C- 155 <sup>0</sup> c					ASTM D36
Penetration		12-25 dmm					ASTM D5
Flexibility		-0to-4 °C					UEAtc
Tensile Strength	Longitud	240 N/5cm		600 N/5cm		ASTM D 5147	
	Transverse	200 N/5cm		500 N/5cm			
Elongation	Longitud	3.8%		40%		ASTM D 5147	
	Transverse	3.9%		40%			
Tear resistance	Longitud	70 N		120 N		ASTM D 5147	
	Transverse	90 N		130 N			
Creeping of the membrane on 60 <sup>0</sup> c sloped surface at a test temperature of 100 <sup>0</sup> c during 120 hours of testing		No creeping					UNI 8202
Resistance to Thermal Ageing		Resistance to Thermal					UAEtc
Resistance to Thermal hydro shock		Resistance to Thermal					ASTM G53
Resistance to agenizing due to UV radiation		No sign of deterioration after 2000 hours( equals to 10 year expose to elements)					ASTM G53
Water vapor permeability		Absolutely Impermeable					ASTM E96

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