

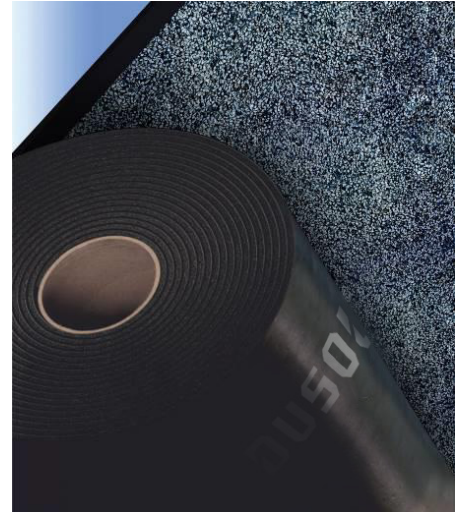
## WATERPROOFING

### DUSEAL APP 4 MF

DUSEAL APP 4 MF is Self Protected APP Polymer Modified Bituminous Waterproofing Membrane Sheet of 4.5mm Thickness.

Composed of Non-Woven Polyester Mat as Core Reinforcing Media suitably finished with Mineral Finish on Top and Thermo Fusible Polyethylene Film on bottom side of sheet.

Application : Torch-on Method  
 Membrane Size : 1m x 10m Rolls  
 Top Finish : Mineral  
 Bottom Finish : Plain – Thermo Fusible Polyethylene Film



### TECHNICAL DATA

Properties	Typical Values	Unit	Test Standard
Longitudinal Tensile Strength	700	N/5cm	ASTM D 5147
Transversal Tensile Strength	450	N/5cm	ASTM D 5147
Elongation at Break (Longitudinal)	30	%	ASTM D 5147
Elongation at Break (Transverse)	30	%	ASTM D 5147
Water Absorption	<0.35	%	ASTM D 5147
Flexibility at Low Temperature (No Cracks)**	0 to -5	°C	ASTM D 5147
Dimensional Stability (L/T)	≤ 0.5	%	ASTM D 5147
High Temperature Flow Resistance(No Flow)	> 120	°C	ASTM D 5147

\*\*As Required

### ADDITIONAL TECHNICAL DATA

Properties	Typical Values	Unit	Test Standard
Nominal Thickness*	4.0	mm	ASTM D 5147
Penetration @ 25° C ^	< 20	dmm	ASTM D 5
Softening Point ^	> 150	°C	ASTM D 36

\*Tolerance:- Thickness: - ±10%, Longitudinal Tensile Strength: ± 200 N/5cm, Transversal Tensile Strength: ± 150 N/5cm, Elongation at Break: ± 15%,

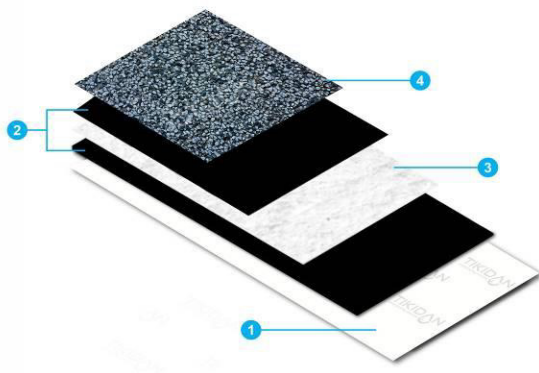
^ Compound Properties Tested During Manufacturing Process

Note: The results given are laboratory test results of manufactured samples. Results derived from field applied samples may vary.

"DUSOL Membrane should always be used with the recommended DUSOL primer for optimum performance of the waterproofing membrane"

**PRESENTATION**

TECHNICAL DATA	VALUE	UNIT
Length	10	m
Width	1	m
Roll Surface Area	10	m <sup>2</sup>
Product code	111021	-



1. Polyethylene Film
2. App Polymer Modified Bitumen
3. Polyester Mat
4. Mineral Finish