



AL MUTATHAWIR INSULATION  
MATERIALS INDUSTRIES L.L.C.

# NOVA SEAL

## DESCRIPTION

**NOVA SEAL** is a plastomeric bituminous Waterproofing membrane obtained from distilled asphalt modified with thermoplastic resins (APP,IPP). The membrane is reinforced by a non woven polyester 200 gr/m<sup>2</sup>. Both surfaces of the membrane are covered by a plastic film easily torched.

## PHYSICAL AND CHEMICAL CHARACTERISTICS

### Bituminous Compound

- good high temperature resistance
- resistant to ultraviolet rays
- absolute watertightness
- good resistance to acids and alkalis.

### Non-woven polyester

- good puncture resistance
- good tensile strength and elongation
- tear resistant
- wear resistant

## TECHNICAL CHARACTERISTICS

PROPERTIES	METHOD	UNIT	RESULTS
Roll length	UEAtc	m	10
Roll width	UEAtc	m	1
Overall thickness	UEAtc	mm	4.0
Tensile strength	UEAtc		
Longitudinal		N/5cm	750
Transversal		N/5cm	600
Elongation at break	UEAtc		
Longitudinal		%	45
Transversal		%	45
Tear strength	UNI 8202/9		
Longitudinal		N	175
Transversal		N	190
Static puncture resistance	UEAtc	L	4
Dynamic puncture resistance	UEAtc	l	4
Heat resistance	UEAtc	°C	120
Cold flexibility	prEn 1109	°C	<0
Softening point	ASTM D36	°C	155
Penetration at 25° C	ASTM D5	dmm	22±4

TOLERANCES as per UEAtc European Directives for polymer bitumen

**Manufactured in Italy** under License from:

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This information given in this data sheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc.



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