

# BETAGUM

## DESCRIPTION

**BETAGUM** 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/m2. 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
- water 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	peEn 1109	°C	<0
Softening point	ASTM D36	°C	155
Penetration at 25 °C	ASTM D5	dmm	22 ± 4

Tolerances as per UEAct European Directives for polymer bitumen.

Manufactured in : Saudi Arabia

By  and in Italy by 



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