

GENERAL DESCRIPTION

**BETAGUM 4250** 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 250 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	900
Transversal		N/5cm	700.
Elongation at break	UEAtc		
Longitudinal		%	45
Transversal		%	50
Tensile Tear Resistance	ASTM D5147		
Longitudinal		N	650
Transversal		N	500
Static puncture resistance	UEAtc	L	4
Dynamic puncture resistance	UEAtc	I	4
Heat resistance	UEAtc	°C	120
Cold flexibility	EN 1109	°C	-2 to -6
Softening point	ASTM D36	°C	>155
Penetration at 25 °C	ASTM D5	dmm	22 ± 4