

**Technical Data**  
**Sheet**  
**219-03/12**

## QUARTZ P 4 mm

plastomeric bitumen membrane with polyester carrier

**standards**  
**EN 13707**  
**EN 13969**

### Description of the product

**QUARTZ P 4 mm** is a waterproofing membrane with reinforced polyester carrier, both sides coated with APP modified bitumen mass (plastomeric) and protected with PE-film.

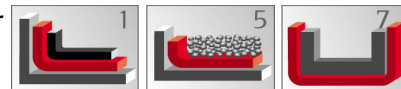
### Technical characteristics

Technical characteristics	Method	Unit	Nominal value
Visible defects	EN 1850-1		without defects
Length	EN 1848-1	m	10,00 (-1%)
Width	EN 1848-1	m	1,00 (-1%)
Starightness	EN 1848-1	20mm / 10m	pass
Thickness	EN 1849-1	mm	4,0 (±0,2)
Watertightness	EN 1928	kPa	≥ 10
External fire performance	EN 13501-5		NPD*
Reaction to fire	EN 13501-1	Class	NPD*
Shear resistance of joints longitudinal/transversal	EN 12317-1	N/50mm	300 / 200 (-20%)
Water vapour transmission	EN 1931 met.A	μ	NPD*
Tensile strength longitudinal/transversal	EN 12311-1	N/50mm	400 / 300 (-20%)
Elongation at break longitudinal/transversal	EN 12311-1	%	35 / 35 (-15 absolut)
Resistance to impact	EN 12691 met.A	mm	≥ 500
Resistance to static loading	EN 12730 met.A/B	kg	≥ 5 / ≥ 7
Resistance to tearing (nail shank)	EN 12310-1	N	130 / 130 (-30%)
Dimensional stability	EN 1107-1	%	± 0,3
Flexibility at low temperature	EN 1109	°C	0
Flow resistance at elevated temperature	EN 1110	°C	110
Durability of watertightness against artificial ageing	EN 1296 / EN 1928	kPa	≥ 10
Durability of watertightness against chemicals	EN 1847 / EN 1928	kPa	≥ 10

\*NPD - no performance determined

### Application

- 1 - Roof waterproofing - multilayer system, underlay and intermediate layer
- 5 - Roof waterproofing - sheets under heavy protection
- 7 - Damp proof sheet, Type A



Application method: flame of propan gas / mechanical fixing.

### Package, transportation and storage

**QUARTZ P 4 mm** is packed in 10 m rolls on wooden pallets.  
It is transported and stored in vertical position and covered storage space.

### Other informations

The product fullfills the requirements of the standards EN 13707 and EN 13969.  
No. of EC certificate of factory production control: 1415 - CPD - 50.  
Management system is certified ISO 9001:2008 i ISO 14001:2004.

According to the Directives issued by the Council and by the Commission of the European Community the product doesn't contain dangerous elements. These membranes are manufactured by using bitumen and don't contain tar from coal, asbestos, chlorine, used and/or rerefined, are recyclable and are not dangerous waste. The release of a safety data sheet for this product isn't compulsory, in any case an informative document is available for the correct use of the product.

