

## STARTBAR P

**STARTBAR P is a bituminous membrane with polyester carrier, one side coated with oxidated bitumen mass and protected with TNT film.**

### Technical characteristics

Technical characteristics	Method	Unit	Nominal value
Visible defects	EN 1850-1		Without defects
Length	EN 1848-1	m	30,0 / 50,0 (-1%)
Width	EN 1848-1	m	0,995-1,015
Straightness	EN 1848-1	30mm/10m	pass
Mass per unit area	EN 1849-1	kg/m <sup>2</sup>	0,45 (±15%)
Reaction to fire	EN 13501-1	Class	NPD*
Resistance to water penetration	EN 1928:2000	Class	W3
Flexibility at low temperature	EN 1109	°C	-15
Resistance to tearing (nail shank)	EN 12310-1	N	100/100 (-30%)
Dimensional stability	EN 1107-1	%	±0,6
Water vapour transmission	EN 1931 met. A	μ	NPD*
Tensile strength longitudinal/transversal	EN 12311-1	N/50mm	300/200 (-20%)
Elongation at break longitudinal/transversal	EN 12311-1	%	35 / 35 (-15 absolut)
Tensile strength after artificial ageing by long term exposure to elevated temperature l/t	EN 13859-1 Annex C	N/50mm	250/150(-20%)
Elongation after artificial ageing by long term exposure to elevated temperature l/t	EN 13859-1 Annex C	%	30/30
Durability of resistance to water penetration after artificial ageing	EN 13859-1 Annex C	Class	W3

\*NPD - no performance determined

### Application

6 - Underlays for discontinuous roofing

Application method: hot adhesive / cold adhesive / mechanical fixing.



### Package, transportation and storage

**STARTBAR P** is packed in 30 or 50 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 standard EN 13859-1:2010.

No. of ITT made by notified body: M-3064/2011

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.

