

Safety Base ICEBAR R

Description:	Bituminous underlayment for pitched roofs, for temporary protection before shingles
Composition:	Carrier in polyester, waterproofing SBS modified bitumen mass; antiadherent lower layer made of sand.
Application:	Only on pitched roofs where slope exceeds 20°. Mechanical fastening.

DIMENSIONS				<i>tol.</i>
Lenght	EN 1848-1	m	20	+ 1%
Width	EN 1848-1	m	1	+ 1%
Weight per Unit Area	EN 1849-1	kg/m ²	1.5	± 10%
Thickness	EN 1849-1	mm	1.3	± 10%
Straightness	EN 1848-1	mm/10m	pass	-

CHEMICAL AND PHYSICAL PROPERTIES				<i>tol.</i>
Visible Defects	EN 1850-1	Visual	None	-
Tensile Resistance MD/CMD	EN 12311-1	N/5cm	350 / 220	± 20%
Elongation MD/CMD	EN 12311-1	%	45	- 15
Resistance to Tearing (Nail Method)	EN 12310-1	N	> 80	-
Resistance to water penetration	EN 1928	Class	W1	-
Flexibility at low temperature	EN 1109	°C	< -20	-
Dimensional Stability MD/CMD (Method A)	EN 1107-1	%	-	-
Water Vapour Transmission	EN 1931	μ	NPD	-
Tensile strength after artificial ageing by long term exposure to elevated temperature l/t	EN 13859-1 Annex C	N/5cm	250/150	-20%
Elongation after artificial ageing by long term exposure to elevated temperature l/t	EN 13859-1 Annex C	%	40	- 15
Durability of resistance to water penetration after artificial ageing	EN 13859-1 Annex C	Class	W1	-

NPD: No Performance Determined

PACKAGING	
Type	Plastic Strip
Rolls/Pallet	30
m ² /pallet	600

PRODUCT DESTINATION (according EN 13859-1)

Underlayment for discontinuous roofing.

Safety:	Material is asbestos, tar compounds and dangerous substances free.
Storage:	Material is packed vertically on pallet. Keep vertically and in warehouse. Keep away from heat sources.
Other:	The producer can update the tds without notice.

Rev.15 - 05/06/19 1152208801000