


**RADONSTOP**

**- 15°C**

Characteristics	Norms	U.M.	Test results	Tolerance
			RADONSTOP	
Norms	/	/	EN 13707 - EN 13969	/
Compound	/	/	BPE - Elastomeric bitumen	/
Carrier type	/	/	Fibreglass and aluminium foil	/
Upper surfacing	/	/	Film PE	/
Lower surfacing	/	/	Film PE	/
Type of application	/	/	SS-Underlayer - F-Foundation	/
Method of application	/	/	Torch	/
Visible defects	EN 1850-1	-	Pass	/
Length	EN 1848-1	m	10 -1%	/
Width	EN 1848-1	m	1 -1%	/
Straightness	EN 1848-1	-	Pass	/
Thickness	EN 1849-1	mm	4	± 0,2 mm
Watertightness (metodo B)	EN 1928	-	Pass	/
Watertightness after artificial ageing	EN 1296 - EN 1928	-	Pass	/
External fire performance	EN 13501-5	-	F roof	/
Reaction to fire	EN 13501-1	-	EUROCLASS F	/
Shear resistance of joint				
- heat lap	EN 12317-1	N/50 mm	400	- 20%
- side lap			300	- 20%
Tensile properties				
-maximum longitudinal tensile strength	EN 12311-1	N/50 mm	500	- 20%
-maximum transversal tensile strength		N/50 mm	400	- 20%
- longitudinal elongation		%	3	- 15 pp
- transversal elongation		%	3	- 15 pp
Resistance to impact	EN 12691	mm	NPD	/
Resistance to static loading	EN 12730	kg	NPD	/
Resistance to tearing (nail shank)				
- longitudinal	EN 12310-1	N	70	- 30 %
- transversal			70	- 30 %
Dimensional stability	EN 1107-1	%	NPD	/
Flexibility at low temperature	EN 1109	°C	-15	/
Flow resistance at elevated temperature	EN 1110	°C	95	/
Artificial ageing by long term exposure to elevated temperature	EN 1296 + EN 1110	°C	85	- 10°C
Water vapour transmission properties	EN 1931	-	μ = 1.500.000 - 10%	/
Permeability radon	/		8,0 x 10 <sup>-13</sup> m <sup>2</sup> /s	/

RADONSTOP: Certificate CSI N. 026/LCF/MAT00

REV 01\_17

TECHNONICOL ITALIA srl reserves the right to modify the technical data in this specification sheet which is based on current production without prior warning.

All indications in this specification sheet are based upon our experience and current working practices.

**TECHNONICOL ITALIA s.r.l.**

Via Galoppat, 134 – 33087

Pasiano di Pordenone (PN), Italia

P.IVA 01745250934 - REA PN - 101202

Tel.: 0434-614611, Fax: 0434-628178

[www.technicol.it](http://www.technicol.it), info@technicol.it