

DECLARATION OF PERFORMANCE: E KV 4 mm

1.Unique identification code of the product-type: **BPE-0163**

2.Type, batch or serial number or any other element allowing identification of the construction product : Refer to product label

3.Intended use or uses of the constructoin product:

European Standard UNI EN	Intended use
13707:2013 ☐ ☐ ☒ ☒ ☐	Flexible sheets for waterproofing. Reinforced bitumen sheets for roof waterproofing. - Sheets for single layer applications - Multilayer view / Top layer - Multilayer view / Intermediate layer - Under heavy protection (monolayer, multilayer) - Sheets for roof gardens
13969:2007 ☐	Flexible sheets for waterproofing. Bitumen damp proof sheets including bitumen basement tanking sheets.
13859-1:2010 ☐	Flexible sheets for waterproofing - Definitions and characteristics of underlays - Part 1: Underlays for discontinuous roofing
13970:2007 ☐	Flexible sheets for waterproofing - Bitumen water vapour control layers
14695:2010 ☐	Flexible sheets for waterproofing - Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete

4. : Manufacturer name, registered trade name, or registered trade mark and contact address of Manufacturer:

TECHNONICOL ITALIA SRL -Via Galoppat, 134-Pasiano di Pordenone (PN)

Tel 0434-614611 - Fax 0434-628178 - email: info@technonicol.it

5. Authorised representative: **not applicable**

6. System or systems of assessment and verification of constancy of performance of the construction product:

European Standard UNI EN	Systems of assessment and verification of constancy of performance of the construction product (AVCP)
13707:13 - 13969:07 - 14695:10	AVCP 2 +
13859-1:10 - 13970:07	AVCP 3

7. In accordance with AVCP the above-mentioned systems, institutes/laboratories reported have performed the initial inspection, verification of system control, monitoring and evaluation, verification of control of production, the initial type testing provided the end of the visit they released certificate of conformity of the control system factory:

European Standard UNI EN	Notify Body / Institute	Accreditation number	Certificate / Report
13707 - 13969 - 14695	SGS ITALIA S.p.A	1381	1381-CPR-392
13859-1	IGMAT	1373	89/106/EGS
13970	TUM	1211	TA51257/06e

8. European technical assessment: not applicable

9. Declared performance:

Compound	/	-	BPE	/	
Carrier type	/	-	Polyester	/	
Upper surfacing	/	-	Sand	/	
Lower surfacing	/	-	Film PE	/	
Type of application	/	-	Torch	/	
Visible defects	EN 1850-1	-	Pass	/	EN 13707:13 - EN 13969:07 - EN 13970:07 - EN 14695:10
Length	EN 1848-1	m	≥ (7,5 - 1%)	/	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07 - EN 14695:10
Width	EN 1848-1	m	≥ (1 - 1%)	/	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07 - EN 14695:10
Straightness	EN 1848-1	-	Pass	/	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07 - EN 14695:10
Weight	EN 1849-1	kg/m ²	/	± 10%	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07 - EN 14695:10
Thickness	EN 1849-1	mm	4	± 0,2	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07 - EN 14695:10
Watertightness (method B) - after artificial ageing	EN 1928	-	Pass	/	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07
	EN 1926+EN 1928	-	Pass	/	
External fire performance	EN 13501-5	-	F roof	/	EN 13707:13 - EN 13969:07
Reaction to fire	EN 13501-1	-	EUROCLASSE E	/	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07
Peel resistance of joint	EN 12361-1	N/50mm	/	/	EN 13707:13
Shear resistance of joint T/L	EN 12317-1	N/50mm	Heat=700 / Side=700	± 200	EN 13707:13 - EN 13970:07
Tensile properties: max strength L/T	EN 12311-1	N/50mm	L=900 / T=900	± 200	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07
Tensile properties: elongation L/T	EN 12311-1	%	L=40 / T=40	± 10 pp	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07
Resistance to impact	EN 12691	mm	1250	/	EN 13707:13 - EN 13969:07 - EN 13970:07
Resistance to static loading	EN 12730	kg	20	/	EN 13707:13 - EN 13969:07
Resistance to tearing (nail shank) L/T	EN 12310-1	N	L=260 / T=260	± 50	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07
Dimensional stability	EN 1107-1	%	≤ 0,4	± 0,1	EN 13707:13 - EN 13859-1:10
Flexibility at low temperature - after artificial ageing	EN 1109	°C	- 20	/	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07 - EN 14695:10
	EN 1296+EN 1109	°C	- 15	- 10	
Flow resistance at elevated temperature - after artificial ageing	EN 1110	°C	100	/	EN 13707:13 - EN 14695:10
	EN 1296+EN 1110	°C	/	/	
Resistance UV radiation,	EN 1297	-	/	/	EN 13707:13
Adhesion of granules	EN 12039	%	/	/	EN 13707:13
Water vapour transmission	EN 1931	μ	20.000	/	EN 13707:13 - EN 13859-1:10 - EN 13969:07 - EN 13970:07
Resistance to root penetration	EN 13948	-	/	/	EN 13707:13

(1) Note: In the absence of European harmonized test methods, verificazion and declaration on release/content will be made taking into account national provisions

10. The performance of the identified in point 1 and 2 is in conformity with declared in point 9. This declaration of performance is issued under the sole responsability of manufacturer identified in point 4.

Pasiano, 11/09/2018

Responsabile Tecnico
Dr Sebastiano Cescon



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