

DECLARATION OF PERFORMANCE

No. 296-01-CPR-2016-03-29

1. Unique identification code of the product-type:

**Product elastomeric
modified reinforced bitumen sheet Technoelast SBS EKP**

Size	Protective coating	Product number
1.0 x 7,5 m	Slate grey - film	TN522241

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Designed for installation as one-layer of roof cladding on buildings and constructions and for waterproofing of engineering structures. Used for new roofing construction and for repair of old roof. Applied as single-layer roofs and at placing by a cold method - by means of mechanical fixings; fastened to the basis by means of fixtures that are installed at overlappings. Traditional placing by melting and partial melting is possible also.

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**TechnoNicol-Vyborg Ltd.,
Ruberoïdnaya St., 7, Leningradskaya region, Vyborg, 188804, RUSSIA
Tel. +78137839072
Fax. +78137839091
Email: Main@vbg.tn.ru**

4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**TechnoNicol-Construction systems LLC,
Gilyarovskogo St., 47/5, Moscow 129110, RUSSIA
Tel. +74959255575
Fax. +74959805249
Email: europa@tn.ru
Website: www.tn-europe.com**

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 2+

6. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

6a. **EN 13707+A2:2009**

6b. **Notified certification body No. 1023 - INSTITUTE FOR TESTING AND CERTIFICATION, Plc. performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control.**

This certificate 1023-CPR-0660, was first issued on March 15. 2016

7. Declared performance
Technoelast SBS EKP

№		The indicator name	Test method	Unit of measure	Norm
Полиэстр / Polyester, 190 g/m²					
1		Protection of the top side			See item number 1
2		Protection of the bottom side			
3	MLV	Rolls length,	EN 1848-1	mm	
4	MLV	Rolls width	EN 1848-1	mm	
5	Pass	Straightness	EN 1848-1	mm	≤15
6	MDV	Mass per unit area	EN 1849-1	kg/m ²	5,800 ± 0,2
7	MDV	Thickness (on selvedge)	EN 1849-1	mm	4,0 ± 0,2
8		Visible defects	EN 1850-1	-	Visible defects
9	MLV	Cold flexibility °C/Ø 30 mm- upper face and lower face	EN 1109-1	°C	≤ -25/30
10	MLV	Flow resistance at elevated temperature °C/2 h - upper face and lower face	EN 1110	°C	≥ 100
11	MDV	Adhesion of granules	EN 12039	%	≤30
12	MDV	Elongation, L/T	EN 12311-1	%	50 / 50 ± 15
13	MDV	Tensile strength, L/T	EN 12311-1	N/50mm	1000/700 ±
14	MLV	Dimensional stability, +80 °C/24 h, L. method B	EN 1107-1	%	≤ ±0,3
15	MDV	Nail shank tear resistance, L/T	EN 12310-1	N	300/350 - 90/105
16	Pass	Watertightness	EN 1928	kPa	300
17	MLV	Resistance to impact-impact resistance at +23 °C/Ø12.7 mm (500 g/h.mm).	EN 12691	mm	1500
20	MLV	Resistance to impact-impact resistance at +23 °C/Ø12.7 mm (500 g/h.mm).	EN 12691	mm	1000
18	MDV	Peel resistance of joints, A/M	EN 12316-1	N/50mm	150/180 ± 50
19	MDV	Shear resistance of joints, T/L	EN 12317-1	N/50mm	900/600 – 180/120
21	MLV	Resistance to static loading, 200 N (20 kg) Method A (EPS support)	EN 12730	kg	≥ 20
22		External fire exposure, Reazione al fuoco	EN 13501-1:2004		EUROCLASSE F
23		Determination of water vapor transmission properties	EN 1931	—	μ=20000
Properties after artificial ageing/ EN 1296/. 12 weeks at +70 °C					
24	MDV	Flow resistance at elevated temperature, °C/2 h - upper face and lower face	EN 1110	°C	≥90
25	MDV	Cold flexibility, °C/Ø 30 mm- upper face and lower face	EN 1109-1	°C	≤-15 /30

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: [name]...GENERAL MANAGER.....

At [place]... TechnoNicol-Vyborg, Ltd.....on [date of issue]...2016.03.29.....

[Signature].....Vladimir Savenkov.....