

**DECLARATION OF PERFORMANCE  
No. 282-01-CPR-2016-01-13**

1. Unique identification code of the product-type:

**Product elastomeric  
modified reinforced bitumen sheet CP 3500**

Size	Protective coating	Product number
1.0 x 10 m	Sand-film	TN521570

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
3. **Designed for installation as the bottom layer of roof cladding on buildings and constructions. Used for new roofing construction and for repair of old roof. Can be used as under layer for a bitumen shingles with mechanical fastening. Not recommended to use as one-layer roofing cladding or one-layer waterproofing.**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

TechnoNicol-Vyborg Ltd.,  
Ruberoidnaya St., 7, Leningradskaya region, Vyborg, 188804, RUSSIA  
Tel. +78137839072  
Fax. +78137839091  
Email: [Main@vbq.tn.ru](mailto:Main@vbq.tn.ru)

5. 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, Moskow 129110, RUSSIA  
Tel. +74959255575  
Fax. +74959805249  
Email: [europe@tn.ru](mailto:europe@tn.ru)  
Website: [www.tn-europe.com](http://www.tn-europe.com)

6. 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 on December 15.2015.

7. Declared performance

CP 3500

№		The indicator name	Test method	Unit of measure	Norm
<b>Полиэстр / Polyester, 170 g/m<sup>2</sup></b>					
1		Защита верхней стороны	Protection of the top side		See item number 2
2		Защита нижней стороны	Protection of the bottom side		
3	MLV	Длины	Rolls length,	EN 1848-1 mm	
4	MLV	Ширины	Rolls width	EN 1848-1 mm	
5	Pass	Прямолинейность	Straightness	EN 1848-1 mm	<b>Pass</b>
6	MDV	Масса на единицу площади	Mass per unit area	EN 1849-1 kg/m <sup>2</sup>	<b>3.5±0.1</b>
7	MDV	Толщина	Thickness	EN 1849-1 mm	-
8		Видимые дефекты	Visible defects	EN 1850-1 -	<b>no</b>
9	MLV	Гибкость в холодном состоянии	Cold flexibility, -25 °/ø 30 mm- upper face and lower face	EN 1109-1 °C	<b>≤-20/30</b>
10	MLV	Испытание на теплостойкость	Flow resistance at elevated temperature +100 °C/2 h - upper face and lower face	EN 1110 °C	<b>≥95</b>
11	MDV	Сцепление посыпки с покровным слоем	Adhesion of granules	EN 12039 %	-
12	MDV	Относительное удлинение	Elongation, L/T	EN 12311-1 %	<b>50/50 ± 20</b>
13	MDV	Разрывные показатели	Tensile strength, L/T	EN 12311-1 N/50mm	<b>700/500 ± 100</b>
14	MLV	Стабильность размеров	Dimensional stability, +80 °C/24 h, L method B	EN 1107-1 %	<b>≤ ±0,6</b>
15	MDV	Сопrotivления на распространение трещин (при	Nail shank tear resistance, L/T	EN 12310-1 N	<b>180/180 ± 50</b>
16	Pass	Водонепроницаемость	Watertightness	EN 1928 kPa	<b>300</b>
17	MLV	Сопrotivление удару при +23 °C	Resistance to impact-impact resistance at +23 °C/ø12.7 mm (500 g/h.mm). method B (EPS support)	EN 12691 mm	<b>h≥ 800</b>
18	MLV	Сопrotivление статическому нагружению, метод А	Resistance to static loading, 200 N (20 kg) Method A (EPS support)	EN 12730 kg	<b>≥ 20</b>
19		Реакция на огонь	Reaction to fire	EN 13501-1 ENV	<b>Euroclass E</b>
20		Паропроницаемость	Determination of water vapor transmission properties	EN 1931 —	<b>μ=20000</b>
<b>Properties after artificial ageing/ EN 1296. 12 weeks at +70 °C</b>					
21	MDV	Теплостойкость	Flow resistance at elevated temperature +80 °C/2 h - upper face and lower face	EN 1110 °C	<b>≥80</b>
22	MDV	Гибкость в холодном состоянии	Cold flexibility, -15 °/ø 30 mm- upper face and lower face	EN 1109-1 °C	<b>≤-10/30</b>

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

At [place]... TechnoNicol-Vyborg, Ltd.....on [date of issue]...2016.01.13.....

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