

DECLARATION OF PERFORMANCE

No. 068-02-CPR-2015-05-23

1. Unique identification code of the product-type:

**Product elastomeric
modified reinforced bitumen sheet Bipol XL EKP 180 slate**

Size	Protective coating	Product number
1×10m	Grey slate-film	TN444997

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 the top layer of roof cladding on buildings and constructions. Used for new roofing construction and for repair of old roof.

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

**TechnoNicol-Vyborg Ltd.,
Ruberojnaya 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 13707:2013**

6 b. **Notified certification body No. 0809 - VTT Expert Services Ltd. performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.**

This certificate №0809-CPD-0560 was first issued on August 20.2006, updated on June 27.2013, updated certificate №0809-CPR-1024 on November 15.2013, updated certificate №0809-CPR-1024 on May 23.2014,

7. Declared performance

Bipol XL EKP 180 slate

№		The indicator name	Test	Unit of	Norm
Полиэстр / Polyester, 180 g/m ²					
1		Защита верхней стороны	Protection of the top side		slate
2		Защита нижней стороны	Protection of the bottom side		film
3	MLV	Длина	Rolls length,	EN 1848-1 mm	≥10000
4	MLV	Ширина	Rolls width	EN 1848-1 mm	≥1000
5	Pass	Прямолинейность	Straightness	EN 1848-1 mm	Pass
6	MDV	Масса на единицу	Mass per unit area	EN 1849-1 kg/m ²	5,3-0,265
7	MDV	Толщина	Thickness	EN 1849-1 mm	4.0±0.2
8		Видимые дефекты	Visible defects	EN 1850-1 -	Visible defects
9	MLV	Гибкость в холодном состоянии	Cold flexibility, -15 °/ø 30 mm-upper face and lower face	EN 1109-1 °C	≤-15/30
10	MLV	Испытание на теплостойкость	Flow resistance at elevated temperature +85 °C/2 h - upper face and lower face	EN 1110 °C	≥85
11	MDV	Сцепление посыпки с покровным слоем	Adhesion of granules	EN 12039 %	≤30
12	MDV	Относительное	Elongation, L/T	EN 12311-1 %	50/50 ±25
13	MDV	Разрывные показатели	Tensile strength, L/T	EN 12311-1 N/50mm	800/700 ±100
14	MLV	Стабильность размеров	Dimensional stability, +80 °C/24 h, L. method B	EN 1107-1 %	≤±0,6
15	MDV	Сопротивления на распространение трещин (при помощи штифта)	Nail shank tear resistance, L/T	EN 12310-1 N	180/180 ±50
16	Pass	Водонепроницаемость	Watertightness	EN 1928 kPa	200
17		Пожарные испытания	External fire exposure	EN 13501-5 ENV	B_{ROOF}(t2)
18		Пожарные испытания, испытания огнем	Determination of water vapor transmission properties	EN 13501-1:2004	EUROCLASS E
19		Паропроницаемость	Determination of water vapor transmission properties	EN 1931 —	μ=20000
Properties after artificial ageing/ EN 1296. 12 weeks at +70 °C					
20	MDV	Теплостойкость	Flow resistance at elevated temperature +80 °C/2 h - upper face and lower face	EN 1110 °C	≥ 80
21	MDV	Гибкость в холодном состоянии	Cold flexibility, -5 °/ø 30 mm-upper face and lower face	EN 1109-1 °C	≤-5/30

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].....2014.05.23.....

[signature]..........Vladimir Savenkov.....