

**DECLARATION OF PERFORMANCE****No. 6 2017-01-24 v. 04**

1. Unique identification code of the product-type:

<b>Technoelast VB 500 Self</b>	<b>TN531623</b>
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2. Intended use or uses:

**Flexible reinforced bitumen sheets for roofing.****Used as vapour barrier on steel trapezoidal sheets in accordance with the local directives and standards.**

3. Manufacturer:

**LLC TechnoNICOL Voskresensk****5V, Promploschadka, Voskresensk, Moscow region, 140204. Russia****tel. +7 495 956 21 92, +7 496 444 89 93****fax: +7 496 444 89 93****e-mail: secr.vsk@tn.ru****www.tn-europe.com**

4. Authorised representative:

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5. System/s of AVCP

**System 2+****System 3**

- 6a. Harmonised standard (if applicable):

**EN 13707:2004+A2:2009****EN 13970:2004, EN 13970:2004/A1:2006**

Notified body/ies (identification no.):

**NB 1023 INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a.s.****třída Tomáše Bati 299, Louky, 763 02 Zlín****Česká republika/Czech Republic**

7. Declared performance:

EN 13707:2004+A2:2009; EN 13970:2004, EN 13970:2004/A1:2006

Essential characteristics	Test method	Performance
Protection of the top side		aluminum foil
Protection of the bottom side		removable siliconized film
Type of carrier		fiberglass
Visible defects	EN 1850-1	no visible defects
Length, m	EN 1848-1	≥50
Width, m	EN 1848-1	≥1.08
Straightness	EN 1848-1	≤20mm/10m
Mass per unit area, kg/m <sup>2</sup>	EN 1849-1	0.5, -0.05/+0.1
Watertightness	EN 1928 method A	Pass
External fire performance	EN 13501-5	Froof
Reaction to fire	EN 13501-1:2002	E
Tensile properties: maximum tensile force L/T, N/50mm	EN 12311-1	600/600±20%
Tensile properties: elongation L/T, %	EN 12311-1	≥/≥
Resistance to tearing (nail shank): L/T, N	EN 12310-1	NPD
Joint strength: shear resistance, L/T, N/50 mm	EN 12317-1	NPD
Resistance to impact, mm	EN 12691	NPD
Flexibility at low temperature, °C	EN 1109-1	≤25
Flow resistance at elevated temperature, °C	EN 1110	≥90
Water vapour transmission properties Sd, m	EN 1931	1000
Dangerous substances	Does not contain dangerous substances	
<b>Artificial ageing behaviour EN 1296</b>	<b>12 weeks at +70°C</b>	
Water vapour transmission properties	EN 1931	NPD

The performance of the product identified above is in conformity with the set of declared performances. 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:

Gimranov Shatmurat  
name



General Director

Voskresensk, Russia

date of issue 24.01.2017