

**DECLARATION OF PERFORMANCE****3-04 2021-01-22**

1. Unique identification code of the product-type:

Technoelast K-MS 170/4000

2. Intended use or uses:

**Damp proof for buildings, including basement tanking. Damp proof for buildings, subject to reaction to fire.
Roof waterproofing. Roof waterproofing subject to reaction to fire.****Water vapour control layers. Water vapour control layers subject to reaction to fire regulations.**

3. Manufacturer:

**Vyborg branch of LLC “Technoflex”,
Ruberoidnaya St., 7, Leningradskaya region, Vyborg, 188804, RUSSIA
Tel. +78137839094
e-mail: main@vbg.tn.ru www.technonicol.eu**

4. Authorised representative:

5. System/s of AVCP:

**System 2+
System 3**

6a. Harmonised standard (if applicable):

EN 13969:2004 EN 13969:2004/A1:2006**EN 13707:2004+A2:2009****EN 13970:2004 EN 13970:2004/A1:2006**

Notified body/ies (identification no.):

**NB 0809 Eurofins Expert Services Ltd
NB 1023 Institut pro testovani a certifikaci a.s.**

7. Declared performance: Harmonized technical specification

Essential characteristics	unit	Test method	Performance
External fire performance	<>	EN 13501-5	Broof t2
Reaction to fire	<>	EN 13501-1	class E
Watertightness, method A	<>	EN 1928	NPD
Watertightness, method B	kPa	EN 1928	300
Tensile properties: maximum tensile force, LD	N/50mm	EN 12311-1	700 +100/-100
Tensile properties: maximum tensile force, TD	N/50mm	EN 12311-1	500 +100/-100
Elongation, longitudinal direction	%	EN 12311-1	50 +25/-25
Elongation, transverse direction	%	EN 12311-1	50 +25/-25
Resistance to static loading (method A)	kg	EN 12730	20
Resistance to static loading (method B)	kg	EN 12730	NPD
Resistance to impact (method A)	mm	EN 12691	500
Resistance to impact (method B)	mm	EN 12691	NPD
Resistance to tearing (nail shank), longitudinal direction	N	EN 12310-1	180 ± 30
Resistance to tearing (nail shank), transverse direction	N	EN 12310-1	180 ± 30
Peel resistance of joints, maximum	N/50mm	EN 12316-1	100 +50/-50
Peel resistance of joints, average	N/50mm	EN 12316-1	80 +50/-50
Shear resistance of joints, longitudinal direction	N/50mm	EN 12317-1	450 +50/-50
Shear resistance of joints, transverse direction	N/50mm	EN 12317-1	450 +50/-50
Artificial ageing, flow resistance at elevated temperature	°C	EN 1110	80
Artificial ageing, flexibility at low temperature	°C	EN 1296/ EN 1109	-15
Ageing by long term exposure to UV radiation, elevated temperature and water	<>	EN 1297	NPD
Flexibility at low temperature	°C	EN 1109	-25
Resistance to root penetration	°C	EN 13948	NPD
Watertightness after artificial ageing (12 weeks)	kPa	EN 1296	300
Water vapour diffusion-equivalent air layer thickness, Sd	m	EN 1931	228
Content of harmful and dangerous substances			Does not contain

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:

Galina Grablina

name

Vyborg, Russia

signature

Deputy Director for Quality

position

place of issue

date of issue

22.01.2021