

**DECLARATION OF PERFORMANCE****4-05 2020-09-02**

1. Unique identification code of the product-type:

Technoelast K-MS 170/3000

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

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 | Pass |
| 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 | - |
| Resistance to impact (method A) | mm | EN 12691 | 500 |
| Resistance to impact (method B) | mm | EN 12691 | 800 |
| Resistance to tearing (nail shank), longitudinal direction | N | EN 12310-1 | 180 +30/-30 |
| Resistance to tearing (nail shank), transverse direction | N | EN 12310-1 | 180 +30/-30 |
| Peel resistance of joints, maximum | N/50mm | EN 12316-1 | 100 |
| Peel resistance of joints, average | N/50mm | EN 12316-1 | 80 |
| Shear resistance of joints, longitudinal direction | N/50mm | EN 12317-1 | 650 |
| Shear resistance of joints, transverse direction | N/50mm | EN 12317-1 | 450 |
| Flow resistance at elevated temperature | °C | EN 1110 | 100 |
| Artificial ageing, flow resistance at elevated temperature | °C | EN 1110 / EN 1926 | 90 |
| Flexibility at low temperature | °C | EN 1109 | -25 |
| Artificial ageing, flexibility at low temperature | °C | EN 1109 / EN 1926 | -15 |
| Ageing by long term exposure to UV radiation, elevated temperature and water | <> | EN 1297 | - |
| Resistance to root penetration | <> | EN 13948 | - |
| Watertightness after artificial ageing (12 weeks) | kPa | EN 1926 / EN 1928 | 300 |
| Water vapour transmission properties, moisture resistance μ after artificial ageing(EN 1296/EN 1931) | kg/(m*s*Pa) | EN 1931 / EN 1296 | 0.44 x10 ⁻¹² |
| Water vapour transmission properties, moisture resistance μ | kg/(m*s*Pa) | EN 1931 | 1.48 x10 ⁻¹² |
| 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

02.09.2020