



**DECLARATION OF PERFORMANCE**  
**1071-CPR-7043**  
**DoP Nr. FNG40050225**

1. **Unique identification code of product-type:** MX-suodatinkangas N4 - 4NG
2. **Product type:** MXF 4NG  
Non woven Geotextile, UV-stabilized polypropylene, needlepunched and thermocalendered
3. **Intended use:**  
 EN 13249:2016 Roads  
 EN 13250:2016 Railways  
 EN 13251:2016 Foundations and walls  
 EN 13252:2016 Drainage systems  
 EN 13253:2016 Erosion control  
 Filtration and Separation  
 EN 13254:2016 Reservoirs and dams  
 EN 13255:2016 Canals  
 EN 13256:2016 Tunnels and underground structures  
 EN 13257:2016 Solid waste disposals  
 EN 13265:2016 Liquid waste disposals
4. **Registered trade name:** Meltex Oy Plastics
5. **Contact address:** Puuppolaantie 111, FI-40270 PALOKKA, Finland.  
Tel. +358 (0) 20 777 0010. Fax +358 (0) 20 777 0049.  
Email: myynti@meltex.fi
6. **System or systems of assessment:** System 2+
7. **In case of declaration of performance concerning a construction product covered by a harmonized standard:**  
 EN 13249:2016   EN 13250:2016   EN 13251:2016   EN 13252:2016   EN 13253:2016  
 EN 13254:2016   EN 13255:2016   EN 13256:2016   EN 13257:2016   EN 13265:2016

Notified certification Body No.1071 SINTEF performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+. Certificate no. 1071-CPR-7043.

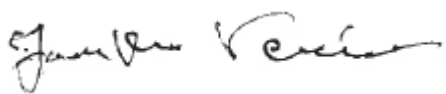
**8. Declared performances:**

| Essential chracteristics               | Test standard                                                  | Unit                                                                                                                                                           |                 | Nominal value | Tolerance |
|----------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|-----------|
| Wide-Width tensile strength            | EN ISO 10319                                                   | kN/m                                                                                                                                                           | MD              | 22,3          | - 2,23    |
|                                        |                                                                |                                                                                                                                                                | CMD             | 22,2          | - 2,22    |
| Elongation                             | EN ISO 10319                                                   | %                                                                                                                                                              | MD              | 40            | - 8       |
|                                        |                                                                |                                                                                                                                                                | CMD             | 45            | - 9       |
| Static puncture resistance             | EN ISO 12236                                                   | N                                                                                                                                                              |                 | 3000          | - 300     |
| Dynamic perforation test               | EN ISO 13433                                                   | mm                                                                                                                                                             |                 | 18            | + 4,5     |
| Suported Pyramidal Puncture Resistance | EN 14574                                                       | N                                                                                                                                                              |                 | NPD           | NPD       |
| Characteristic opening size – O90      | EN ISO 12956                                                   | µm                                                                                                                                                             |                 | 80            | ± 24      |
| Water permeability normal to the plane | EN ISO 11058                                                   | m/s                                                                                                                                                            |                 | 0,030         | - 0,009   |
| Water flow capacity in the plane       | EN ISO 12958                                                   | m²/s                                                                                                                                                           | 20 kPa - i = 1  | NPD           | NPD       |
|                                        |                                                                |                                                                                                                                                                | 100 kPa - i =1  | NPD           | NPD       |
|                                        |                                                                |                                                                                                                                                                | 200 kPa - i = 1 | NPD           | NPD       |
| Durability prediction                  | EN 13249/57:2016 annex B<br>EN 13265:2016, annex B             | To be covered within 2 weeks after installation. Predicted to be durable for more than 100 years in natural soils with 4 < ph < 9 and soil temperature < 25 °C |                 |               |           |
| Dangerous substances                   | Less than required by national regulations in EU Member States |                                                                                                                                                                |                 |               |           |

10. The performance of the product identified in point 1 and 2 is in conformity with the declared performances declared in point 8.  
 This declaration of performance is issued, in accordance with Regulation (EU) no.305/2011, under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Jaakko Valkonen (Quality and development manager)  
 Palokka 17.2.2025

  
 (signature)