

No

**24490UFW054**

Version 1

|   |   |   |
|---|---|---|
| 1 | Unique identification Code of the product type  | <b>Monarperm TP 160</b>   |
| 2 | Identification of the construction product, in accordance with article 11(4)  | Lot-Number. see packaging of product<br>valid from 20.11.2014                             |
| 3 | Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer   | Sarking membranes and Underlays for walls   |
| 4 | Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)  | Monarperm TP 160<br>Monarflex s.r.o.<br>Továrenská 1<br>943 03 Štúrovo<br>Slovak Republic |
| 5 | Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)   | not applicable  |
| 6 | System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V  | System 3  |
| 7 | <b>In case of the declaration of performance concerning a construction product covered by a harmonised standard</b>   |   |
|   | The notified testing laboratory Bodycompany No. 1301 Technický a skúšobný ústav stavebný,n.o. SNAS Reg.no.004/S-045 has carried out the determination of the product type on the basis of type-testing (based on sampling carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product () |   |
|   | ()  |   |
|   | ()  |   |
| 8 | In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued   | not applicable  |

**9 Declared performance**

| Essential characteristics  | Performance      | Harmonised technical specification |  |
|--|------------------|------------------------------------|--|
| Reaction to fire   | Class F          | EN 13859-2:2010                    |  |
| Resistance to water penetration  | Pass W1          |                                    |  |
| water vapour transmission properties Sd  | 0,1(-+0,05) m    |                                    |  |
| Tensile strength longitudinal  | 190(+40) N/50 mm |                                    |  |
| Tensile strength transverse  | 150(+40) N/50 mm |                                    |  |
| Elongation longitudinal  | 50(+20) %        |                                    |  |
| Elongation transverse  | 50(+20) %        |                                    |  |
| Resistance to tearing longitudinal   | 180(+40) N       |                                    |  |
| Resistance to tearing transverse   | 200(+40) N       |                                    |  |
| Artificial aging behaviour: resistance to water penetration<br>Resistance to water penetration after artificial aging by UV and heating* | Pass W1          |                                    |  |
| Artificial aging behaviour: tensile strength longitudinal  | 180(+20) N/50 mm |                                    |  |
| Artificial aging behaviour: tensile strength transverse  | 140(+20) N/50 mm |                                    |  |
| Artificial aging behaviour: elongation longitudinal  | 30(+20) %        |                                    |  |
| Artificial aging behaviour: elongation transverse  | 30(+20) %        |                                    |  |
| Flexibility at low temperatures (pliability)   | Pass -20 °C      |                                    |  |
| Dangerous substances   | See notes        |                                    |  |
|  |                  |                                    |  |
|  |                  |                                    |  |
|  |                  |                                    |  |
|  |                  |                                    |  |
|  |                  |                                    |  |

Note 1: This product does not contain asbestos or tar constituents

Note 2: In the absence of European harmonized test methods, verification and declaration on release/content has to be done taken into account national provisions in the place of use

\* clause 4.3.9 for walls with open joints the artificial aging by UV exposure was extended over a period of 5000 hours

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies: not applicable

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The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Štúrovo

20.11.2014  
dd/mm/yyyy

Miroslav PETRECH  
General Manager