

UK DECLARATION OF CONFORMITY (PIR118)

| | |
|--|--|
| 1. Unique identification code of the product type | Supapir PIR tri-laminate foiled pipe section |
| 2. Name and contact address of the manufacturer | MW Insulation Ltd. Unit 2, Guinness Road Trading Estate, Trafford Park, Manchester M17 1SB |
| 3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foreshen by the manufacturer: | ThIBELL - Thermal insulation for Building Equipment and Industrial Installations |
| 4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V | AVCP System 3 |
| 5. Name and identification number of notified body | FIW 0751 |

| Essential Characteristics | | Performance | Harmonized technical specification |
|---|--|--|------------------------------------|
| Reaction to fire | Reaction to fire | NPD | 1st December 2020 |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | The fire performance of PU does not deteriorate with time. | EN 14308:2015 |
| Thermal resistance | Thermal conductivity | See table thermal conductivity λ_D | |
| | Dimensions and tolerances | NPD | |
| Durability of thermal resistance against high temperature, ageing / degradation | Thermal conductivity | See table thermal conductivity λ_D | |
| | Dimension and tolerances | NPD | |
| | Dimensional stability under specified conditions | DS(70,90)3 DS(-20,-)2 | |
| | Durability characteristics | NPD | |
| | Maximum service temperature | ST(+) 120 °C | |
| | Minimum service temperature | ST(-) -120 °C | |
| | Closed cell content | NPD | |
| Compressive strength | Compressive resistance | CS(10\Y)175 | |
| Water permeability | Water absorption | NPD | |
| Water vapour permeability | Water vapour diffusion resistance | NPD | |
| | Closed cell content | NPD | |
| Rate of release of corrosive substances | Trace quantities of watersoluble ions and the pH-value | Chloride < 60 mg/kg | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |

| Thermal conductivity λ_D [W/(m·K)] of non-aged PIR35C5 in relation to temperature according to EN-12667:2001 | | | | | | | | | | | | | |
|--|---------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--|
| -120 °C | -100 °C | -80 °C | -60 °C | -40 °C | -20 °C | 0 °C | 20 °C | 40 °C | 60 °C | 80 °C | 100 °C | 120 °C | |
| 0,017 | 0,018 | 0,018 | 0,020 | 0,022 | 0,022 | 0,023 | 0,024 | 0,028 | 0,032 | 0,035 | 0,040 | 0,043 | |

Signed for and in name of manufacturer:

NAME: Mike Whelan,
Managing Director (Manchester)
DATE: 1st April 2021 (updated)

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.
Based on the technical data from PIR block manufacturer NESTAAN HOLLAND B.V. who have permitted MW Insulation to use its technical data.

