



# UK Declaration of Performance

Kingspan Thermapitch® TP10, Thermafloor® TF70, Thermawall® TW55

1000.UKDoP.TP10.TF70.TW55.005

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Unique identification code of the product-type: **Kingspan Thermapitch® TP10, Thermafloor® TF70, Thermawall® TW55**  
Intended use/es: **Thermal insulation for buildings**  
Manufacturer: **Kingspan Insulation Ltd, Herefordshire, HR6 9LA, UK**  
System/s of AVCP: **System 4 (Reaction to fire), System 3 (Other Properties)**  
Designated technical specification: **BS EN 13165:2012+A2:2016**  
UK Assessment/Notified body/ies: **University of Salford: 1145, BBA: 0836**

| Essential characteristics                                                       |                                                                                       | Performance                       |       |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------|-------|
| Thermal resistance                                                              | Thermal resistance R <sub>D</sub> ((m².K)/W)                                          | d <sub>N</sub> 25mm               | 1.10  |
|                                                                                 |                                                                                       | d <sub>N</sub> 30mm               | 1.35  |
|                                                                                 |                                                                                       | d <sub>N</sub> 40mm               | 1.80  |
|                                                                                 |                                                                                       | d <sub>N</sub> 50mm               | 2.25  |
|                                                                                 |                                                                                       | d <sub>N</sub> 60mm               | 2.70  |
|                                                                                 |                                                                                       | d <sub>N</sub> 70mm               | 3.15  |
|                                                                                 |                                                                                       | d <sub>N</sub> 75mm               | 3.40  |
|                                                                                 |                                                                                       | d <sub>N</sub> 80mm               | 3.60  |
|                                                                                 |                                                                                       | d <sub>N</sub> 90mm               | 4.05  |
|                                                                                 |                                                                                       | d <sub>N</sub> 100mm              | 4.50  |
|                                                                                 |                                                                                       | d <sub>N</sub> 110mm              | 5.00  |
|                                                                                 |                                                                                       | d <sub>N</sub> 120mm              | 5.45  |
|                                                                                 |                                                                                       | d <sub>N</sub> 125mm              | 5.65  |
|                                                                                 |                                                                                       | d <sub>N</sub> 130mm              | 5.90  |
|                                                                                 |                                                                                       | d <sub>N</sub> 140mm              | 6.35  |
| d <sub>N</sub> 150mm                                                            | 6.80                                                                                  |                                   |       |
|                                                                                 | Thermal conductivity λ <sub>D</sub> (W/(m.K))                                         | λ <sub>D</sub>                    | 0.022 |
|                                                                                 | Thickness tolerance                                                                   | T2                                |       |
| Reaction to fire                                                                | Reaction to fire                                                                      | F                                 |       |
| Durability of reaction to fire against heat, weathering, ageing / degradation   | Durability of the reaction to fire of the product as placed on the market             | NPD                               |       |
|                                                                                 | Durability of thermal resistance and thermal conductivity against ageing/ degradation | NPD                               |       |
| Durability of Thermal Resistance against heat, weathering, ageing / degradation | Thermal resistance R <sub>D</sub> ((m².K)/W)                                          | Thermal resistance as table above |       |
|                                                                                 | Thermal conductivity λ <sub>D</sub> (W/(m.K))                                         |                                   |       |
|                                                                                 |                                                                                       | 0.022                             |       |
|                                                                                 | Durability characteristics                                                            | NPD                               |       |
|                                                                                 | Dimensional stability under specified temperature and humidity condition              | DS(70,90)3<br>DS(-20,-)1          |       |

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|                                                                 |                                                                                 |                                            |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------|
|                                                                 | Deformation under specified compressive load and temperature conditions         | NPD                                        |
|                                                                 | Determination of the aged values of thermal resistance and thermal conductivity | $\lambda_D 0,022 \text{ W/m}\cdot\text{K}$ |
| Compressive strength                                            | Compressive stress or compressive strength                                      | CS(10\Y)120                                |
| Tensile / Flexural strength                                     | Tensile strength perpendicular to faces                                         | NPD                                        |
| Durability of compressive strength against ageing / degradation | Compressive creep                                                               | NPD                                        |
| Water permeability                                              | Short term water absorption                                                     | NPD                                        |
|                                                                 | Long term water absorption                                                      | NPD                                        |
|                                                                 | Flatness after one sided wetting                                                | NPD                                        |
| Water vapour permeability                                       | Water vapour transmission                                                       | NPD                                        |
| Acoustic absorption index                                       | Sound absorption                                                                | NPD                                        |
| Continuous Glowing combustion                                   | Glowing combustion                                                              | NPD                                        |
| Release of dangerous substances to the indoor environment       | Release of dangerous substances                                                 | NPD                                        |
| NPD: No Performance Determined                                  |                                                                                 |                                            |

EU Regulation 305/2011, as retained in UK law, and as amended by SI no. 465/2019 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2019) and SI no. 1359/2020 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.)

Signed for and on behalf of the manufacturer by:



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**Siobhan O'Dwyer**  
**Managing Director**  
**Pembridge, Selby, England, UK**  
**Date signed: 04/11/2025**  
**Issue Number: 005**



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