

Filcor 90 EPS

Declaration of Performance



| Reference: M-DOP11 | |
|--|--|
| 1. Unique identification code of the product-type: | Filcor 90 |
| 2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) of the CPR: | Filcor 90 EPS |
| 3. Intended use or uses of the construction product, in accordance with the harmonised technical specification, as foreseen by the manufacturer: | EPS thermal insulation and lightweight fill board for civil engineering applications |
| 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): | Cordek Ltd, Spring Copse Business Park, Slinfold, West Sussex, RH13 0SZ |
| 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: | AVCP System 3 (with 4 for RfF) |
| 7. In case of the declaration of performance of the construction product covered by a harmonised standard: | CEN EN 14933:2007 Thermal insulation and light weight fill products for civil engineering applications - Factory made products of expanded polystyrene (EPS) - Specification |
| - name and number of notified body: | |
| - performed: | Thermal Insulation Compressive stress at 10% deformation Reaction to Fire |
| - under system: | 3 |
| - and issued: | Test report on application |

Declared Performance:

| Essential Characteristics | Performance | Harmonised Technical Standard |
|--|--------------------------------|-------------------------------|
| Length and Width | L2 & W2 | BS EN 14933:2007 |
| Thickness | T2 | |
| Squareness | S1 | |
| Flatness | P3 | |
| Reaction to Fire | Euroclass F Euroclass E | BS EN 13501-1:2007 +A1:2009 |
| Long term water absorption by immersion | WL(T)5 | BS EN 12087:2013 |
| Thermal Conductivity λ_D | 0.034 W/mK | BS EN 13163:2001 |
| Compressive Strength at 10% deformation | CS(10)200 | BS EN 826:2013 |
| Compressive Creep | cc(2/1.5/50) 0.3 σ_{10} | BS EN 1606:2013 |
| Water Vapour Transmission | 40-100 μ | BS EN 12086:2013 |
| Bending Strength | BS250 | BS EN 12089:2013 |
| Dimensional Stability under specified conditions | NPD | BS EN 1604:2013 |
| Resistance to dynamic loading | NPD | - |
| Freeze Thaw | NPD | BS EN 12091:2013 |

The performance of the product identified in points 1 and 2 is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on behalf of the manufacturer:

| | | | | | |
|------|-------------|----------|------------------------------|---------------|---------------|
| Name | Simon Poole | Position | Business Development Manager | Date of Issue | February 2018 |
|------|-------------|----------|------------------------------|---------------|---------------|

DISCLAIMER: Information contained within this 'Declaration of Performance' is for guidance only, and it is intended for experienced construction industry workers. It contains summaries of aspects of the subject matter and does not provide comprehensive statements of construction industry practice. As conditions of usage and installation are beyond our control we do not warrant performance obtained. Please contact us if you have any doubt as to the suitability of application. The information provided within this document is based on data and knowledge correct at the time of printing.

Location of signing:

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