

# Filcor 160

## Declaration of Performance



Reference: M-DOP15	
1. Unique identification code of the product-type:	Filcor 160
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 160 Expanded Polystyrene
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
7. In case of the declaration of performance of the construction product covered by a harmonised standard: - name and number of notified body:	BS EN 14933:2007 Thermal insulation and light weight fill products for civil engineering applications - Factory made products of expanded polystyrene (EPS) - Specification
- 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	L(3) & W(3)	BS EN 822
Thickness	T(2)	BS EN 823
Squareness	S(5)	BS EN 824
Flatness	P(15)	BS EN 825
Thermal Conductivity (W/mK)	0.033	BS EN 12667
Dimensional Stability under specified Conditions	+ / - 0.5% Class DS(N5)	BS EN 1603
Cross Breaking Strength (kPa)	600	BS EN 12089
Shear Strength Correlation (kPa)	300	BS EN 14933 / Annex E
Compressive Strength at 10% deformation (kPa)	400	BS EN 826
Long term compressive strength at 2% or less deformation (kPa)	120	BS EN 14933 / Annex E
Fire Classification	Euroclass E d2	BS EN 13501 / 11925
Water Vapour Diffusion Resistance	40-100	BS EN 14933 / Annex E
Water Vapour Permeability (mg/(Pa.h.m))	0.006 - 0.015	BS EN 14933 / Annex E

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	May 2020
------	-------------	----------	------------------------------	---------------	----------

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:

**Cordek Ltd** Spring Copse Business Park, Slinfold, West Sussex, RH13 0SZ, UK  
Telephone (+44) 1403 799600 Fax (+44) 1403 791718 E-mail info@cordek.com  
[www.cordek.com](http://www.cordek.com)

