



Efectis UK/Ireland

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CERTIFICATE OF CONSTANCY OF
PERFORMANCE

CERTIFICATE OF CONSTANCY OF PERFORMANCE

N° 2822-UKCA-CPR-0093

In compliance with Regulation 2020 N°1359 of The construction Products (EU exit) Regulation 2020, it was established that the construction product:

Product	Thermal insulation products for buildings - Factory made phenolic foam (PF) products
Reference of the product	Kingspan Kooltherm K110 Soffit Board
Placed on the market by or for	Kingspan Insulation Limited Torvale Industrial Estate, Pembridge, Leominster HR6 9LA, UK
and produced in the manufacturing plant located in	Torvale Industrial Estate, Pembridge, Leominster HR6 9LA, UK

is submitted by the manufacturer to a factory production control, and that the approved certification body EFECTIS UK/Ireland, has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of factory production control.

This certificate attests that provisions concerning the assessment and verification of constancy of performance and the performance described in Annex ZA of the standard **EN 13166: 2012+ A2: 2016** under system 1 are applied, and that the product fulfils all the prescribed requirements set out above.

This certificate, first issued on **14 June 2023**, remains valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product and the manufacturing conditions in the plant are not modified significantly.

This certificate allows the manufacturer, its mandatories or its distributors, stated in the United Kingdom Economic Area, to affix the UKCA marking.

Certificate established at Belfast on: **14 June, 2023**.

By the Technical Certification Director,

Daniel JOYEUX
Technical Certification Director



Approved body
Nr 2822

ANNEX TO THE CERTIFICATE OF CONSTANCY OF PERFORMANCE
TO THE STANDARD EN 13166: 2012+ A2: 2016

2822-UKCA-CPR-0093

Product **Thermal insulation products for buildings - Factory made phenolic foam (PF) products**

Reference of the product **Kingspan Kooltherm K110 Soffit Board**

Placed on the market by or for **Kingspan Insulation Limited
Torvale Industrial Estate, Pembridge, Leominster
HR6 9LA, UK**

Description of the field covered by the certificate:
In accordance with the classification reports issued by Efectis UK / Ireland n° Classification report 194 & Classification report 57-C Aluminium Side

DESCRIPTION OF THE RANGE

Phenolic foam insulation – asymmetrical	Thickness range	Density range
	65 mm-120 mm	43.53 kg/m ³ – 40.50 kg/m ³

Facing: Aluminium foil: 25 µm FI/4x4/Gls 1219 3644 adh prf W443-100000046066	Thickness range	Mass per unit area	Percentage relative to final product
	431-483 µm	166 g/m ²	5.9% to 3.4%
Phenolic foam	Thickness range	Mass per unit area	Percentage relative to final product
	65 mm-120 mm	2597 g/m ² to 4625 g/m ²	91.7% to 95.1%

Facing: Glass fabric: O.C 170 EFW-ZA75 1217 mm wide 100000001961	Thickness	Mass per unit area	Percentage relative to final product
	0.63 mm	70 g/m ²	2.5% to 1.4%

CLASSIFICATION

Fire on Aluminium foil face

B-s1, d0

Fire on Glass fabric facer

C-s1, d0



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FIELD OF APPLICATION

Thickness	Valid for thickness range of 65-120 mm
Density	Valid for a density of $43.53 \pm 6.52 \text{ kg/m}^3$ (65 mm), $40.08 \pm 6.01 \text{ kg/m}^3$ (85 mm), $40.50 \pm 6.07 \text{ kg/m}^3$ (120 mm)
Type of product/ facings	Valid for tested type of product only (same formulation)
Asymmetry	Valid for fire on tested face
Substrate	Valid with any substrate outside from plaster boards, of at least A2-s1,d0 class and $870 \pm 50 \text{ kg/m}^3$ density
Air gaps / cavities	Valid without air gaps / cavities
Joints	Valid for all joints arrangements
Size and positioning of the test specimen	Valid for all product sizes
Fixing of the test specimen	Valid with mechanical fixings as tested

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