DECLARATION OF PERFORMANCE No: UK-WER-0034-01_english

ROCKACIER B-NU ENERGY (NRJ)

http://dop.rockwool.com

1.	Unique identification code of the product-type	
2.	Intended use of the construction product as foreseen by the manufacturer, in accordance with the applicable harmonised technical specification	Thermal insulation for buildings
3.	Name, registered trade name or registered trade mark and contact address of the manufacturer, as required pursuant to Article 11(5) of regulation (EU) No 305/2011	ROCKWOOL® Limited Pencoed, Bridgend, CF35 6NY
4.	Applicable System or Systems of Assessment and Verification of Constancy of Performance (AVCP)	SYSTEM 1 for uses subject to regulations on reaction to fire SYSTEM 3 for all other intended uses
5.	Harmonised Standard reference number and date of issue	BS EN 13162:2012 Issued on 28 February 2013
6.	Notified Body identification number	0086
7.	Declared Performances	Please refer to the table below (NPD – No Performance Determined)

Essential Characteristics	Requirement clauses in this European Standard	Level and/or classes	Declared value
Reaction to fire Euroclass characteristics	4.2.6 Reaction to fire	Euroclasses	A1
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	–	NPD
Acoustic absorption index	4.3.11 Sound absorption	Declared α_p and α_w	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	Declared s'	NPD
	4.3.10.2 Thickness, d_L	Declared d_L and T Class	NPD
	4.3.10.4 Compressibility c	Declared c and CP Level	NPD
	4.3.12 Air flow resistivity	Declared AF_r	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	Declared AF_r	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	–	NPD
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Declared $R_{90/90}$ and/or $\lambda_{90/90}$	λ(90/90) = 0.037 W/mK
	4.2.2 Length and width	Declared l and b	±3mm width of line and ±5mm length of line
	4.2.3 Thickness	Declared d or tolerance class T	T5
	4.2.4 Squareness	Declared Sb	±2.5 per 500mm
	4.2.5 Flatness	Declared Smax	±6mm
Water permeability	4.3.7.1 Short term water absorption	Declared W(P)	WS
	4.3.7.2 Long term water absorption	Declared WL(P)	WL(P)
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ or Z	MU1
Compressive strength	4.3.3 Compressive stress or compressive strength	Declared CS Level	CS(10)30
	4.3.5 Point load	Declared Fp	PL(5)450
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics[a)]	[b)]	NPD
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	Declared $R_{90/90}$ and/or $\lambda_{90/90}$ [c)]	NPD
	4.2.7 Durability characteristics	[d)]	DS(70,90)
Tensile/Flexural strength	4.3.4 Tensile strength perpendicular to faces [e)]	Declared TR Level	TR10
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	Declared X_{ct} and X_t	NPD

[a)] No change in reaction to fire properties for mineral wool products.
[b)] The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.
[c)] Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.
[d)] For dimensional stability thickness only.
[e)] This characteristic also covers handling and installation.

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Bob PERRY
Production Director



At Bridgend on 20th July 2014