

Declaration of Performance Hardrock® Underlay Slab



1. Unique identification code of the product-type	RWUK-CE-0145-05_english
2. Intended use of the construction product as foreseen by the manufacturer, in accordance with the applicable harmonised technical specification	Thermal insulation for buildings (ThIB)
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, UK
4. Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of regulation (EU) No 305/2011	ROCKWOOL® FRANCE S.A.S. 111 rue du Château des Rentiers, 75013 Paris, France. dop.eu@rockwool.com
5. 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
6. Harmonised Standard reference number	EN 13162:2012+A1:2015
7. Notified Body identification number	0751
8. 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
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity 4.2.3 Thickness	Declared RD and/or λ_D Declared d or tolerance class T	λ_D : 0.039 W/mK T5
Reaction to fire	4.2.6 Reaction to fire	Euroclasses	A1
Euroclass characteristics			a)
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics ^{a)}	Euroclasses	
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity 4.2.7 Durability characteristics	Declared RD and λ_D DS(70,-) or DS(23,90) or DS(70,90) ^{c)}	b) DS(70,90)
Compressive strength	4.3.3 Compressive stress or compressive strength 4.3.5 Point load	Declared CS Level Declared PL	NPD NPD
Tensile/Flexural strength	4.3.4 Tensile strength perpendicular to faces ^{d)}	Declared TR Level	NPD
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	Declared CC	NPD
Water permeability	4.3.7.1 Short term water absorption 4.3.7.2 Long term water absorption	Declared WS Declared WL(P)	NPD NPD
Water vapour permeability	4.3.8 Water vapour transmission	Declared MU or Z	MU1
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness 4.3.10.2 Thickness, d_L 4.3.10.4 Compressibility c 4.3.12 Air flow resistivity	Declared SD Declared d_L and T Class Declared CP Declared AF_r	NPD NPD NPD NPD
Acoustic absorption index	4.3.11 Sound absorption	Declared AP and AW	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	Declared AF_r	NPD
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances ^{e)}		e)
Continuous glowing combustion	4.3.15 Continuous glowing combustion ^{e)}		e)

^{a)} No change in reaction to fire properties for mineral wool products. 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.

^{b)} 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.

^{c)} For dimensional stability thickness only.

^{d)} This characteristic also covers handling and installation.

^{e)} European test methods are under development.

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:



Maxim Vasiliev
Technical Director, Rockwool Limited.
At Bridgend on 16th July 2021