

Declaration of Performance No: RWDOPBNL-999-009-02

1. Unique identification code of the product-type: ROCKWOOL 133 (EF)
2. Type, batch or serial number or any other element allowing identification of the construction product as required under article 11(4) of the CPR: See product label.
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: Thermal insulation of building equipment and industrial installations (ThIBEII).
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under article 11(5): DEUTSCHE ROCKWOOL Mineralwoll GMBH & CO OHG, Rockwoolstrasse 37-41, D-45966, Gladbeck (D)
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in article 12(2): ROCKWOOL B.V., Industrieweg 15, 6045 JG, Roermond (NL)
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: Systems 1 and 3.
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard: Notified Certification body No. 0751 performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire.
Notified testing laboratories No. 0751 and No. 0432 performed the test reports for the other relevant declared characteristics.
8. Declared Performance:

Essential Characteristics		Performance							Harmonized technical specification
Reaction to Fire		ROCKWOOL 133: A1 ROCKWOOL 133 EF: B-s1,d0 (20 mm ≤ thickness < 40 mm) ROCKWOOL 133 EF: A2-s1,d0 (40 mm ≤ thickness ≤ 50 mm)							EN 14303:2009 +A1:2013
Acoustic absorption index		Sound absorption: NPD							
Thermal resistance	Thermal conductivity	T (°C)	10	20	30	40	50	100*	
		λ (W/mK)	0,040	0,042	0,044	0,046	0,048	0,061	
		T (°C)	150*	200*	250*				
		λ (W/mK)	0,076	0,095	0,122				
	Thickness	ROCKWOOL 133 EF: D _n 25 mm – 50 mm, Tolerance class T4 ROCKWOOL 133 : D _n 25 mm – 100 mm, Tolerance class T4							
Water permeability		Water absorption: WS1 (≤ 1 kg/m ²)							
Water vapour permeability		Water vapour diffusion equivalent air layer thickness: MV2							
Compressive strength		Compressive stress at 10% deformation: NPD							
Rate of release of corrosive substances		Trace quantities of water-soluble chloride ions: NPD pH-value: NPD							
Release of dangerous substances		NPD							
Continuous glowing combustion		NPD							
Durability of reaction to fire against ageing / degradation		NPD							
Durability of thermal resistance against ageing / degradation		NPD							
Durability of reaction to fire against high temperature		NPD							
Durability of thermal resistance against high temperature		Maximum service temperature ROCKWOOL 133 : ST (+)250 (= 250 °C) Maximum service temperature ROCKWOOL 133 EF : ST (+)50 (= 50 °C)							

* Not applicable for ROCKWOOL 133 EF

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by (digital signature):



Volker Christmann Rob Meevis