

Declaration of Performance

in accordance with Annex III of the European Regulation (EU) No. 305/2011

DoP Nr.: DoP-ETA20-0743-2026-01

for the Product

PHONOTHERM®
RG 550 / RG 700

Intended use

Product family to which the above construction product belongs:
Thermal insulation in buildings

Manufacturer:

WARMOTECH GmbH

Roland-Schmid-Straße 1
04910 Elsterwerda

European Technical Assessment
ETA-20/0743 of 2025/11/13



Declaration of Performance	
Product Unique identification code of the product type:	Phonotherm® RG 550 Phonotherm® RG 700
Identification of the construction product:	imprint on product
Intended use Product family to which the above construction product belongs:	Thermal insulation in buildings
Manufacturer:	WARMOTECH GmbH Roland-Schmid-Straße 1 DE-04910 Elsterwerda Tel.Nr.: +49 (0) 35 33 700 0 www.warmotech.com/de
Harmonised standard:	not applicable
Assessment and verification of constancy of performance (AVCP system):	System 3
European Technical Assessment:	ETA-20/0743 of 2025/11/13

Essential characteristics		Declared Performance		Technical specification
		Phonotherm® RG 550	Phonotherm® RG 700	
Reaction to fire:		The insulation boards are classified as Euroclass E		EN 13501-1
Density:		550 ± 25 kg/m³	700 ± 25 kg/m³	EN 1602
Durability of thermal resistance against high temperature:		λ(23,80) = 0,083 W/(m*K)	λ(23,80) = 0,106 W/(m*K)	EN 12667
Compressive strength:		≥ 7000 kPa	≥ 8100 kPa	EN 826
Airflow resistance:		No Performance Assessed		
Sound absorption:		No Performance Assessed		
Water absorption:		Board 20 mm: 0,14% Board 60 mm: 0,41%	Board 10 mm: 0,14% Board 30 mm: 0,22%	EN 1609
Water vapour transmission (μ):		25	25	EN 12086
Dimensional stability at 70°C und 90% RF:		Length / Width: 1% Thickness 5%		EN 1604
Conversion factor F _m for the conversion of λ _{23,50} to λ _{23,80} :		No Performance Assessed		
Compressive creep (X _{ct}):		No Performance Assessed		
Geometry	Length:	2400 / 3600 mm ± 2 mm/m		EN 822
	Width:	1350 / 1500 mm ± 2 mm/m		
	Thickness:	20 – 60 mm ± 0,4 mm	10 – 30 mm ± 0,4 mm	EN 823
	Flatness:	4 mm		EN 825
	Squareness:	3 mm/m		EN 824
Compressive creep (X _{ct}):		No Performance Assessed		

The performance of the product
identified above is in conformity with
the declared performance(s).

The above listed manufacturer is solely responsible for this
Declaration of Performance in accordance with Annex III of the European
Regulation (EU) No. 305/2011.

Signed for the manufacturer and on behalf of the manufacturer by:
Elsterwerda, 01.05.2026



Stephan Schöne
Managing Director
