



PRODUCT SHEET

r.Profi® N5



Product description

r.Profi® N5 is a semi-rigid, high-parameter mineral wool board without cladding. The mineral wool has excellent mechanical and soundproofing properties, as well as high temperature resistance (up to 450 °C). The arrangement of mineral wool fibers and density adapted to dedicated applications translate into the flexibility of the product while maintaining thermal insulation, mechanical and soundproofing properties.

Application

r.Profi® N5 board is designed for thermal and acoustic insulation of vertical and horizontal elements of technical installations for which insulation flexibility and stability are required. Typical applications are the insulation of equipment and surfaces operating at high temperatures of up to 450 °C and the insulation of elements which have curved surfaces, such as walls of tanks.

Packaging

The product is packed in the form of parcels wrapped in heavy-duty LDPE film. The packages are horizontally stacked on a pallet. In addition, the packed pallet is wrapped in stretch film. Such a way of packing effectively protects the product from damage and dirt during transport and during storage operations.

Thickness: 20-250 mm, Format: to order

Parameters	Value	Standard
Fire reaction class	A1	EN 13501-1
Thermal conduct. coefficient:	50° C, λ_D 150° C, λ_D 250° C, λ_D 450° C, λ_D	0,041 W/m·K 0,063 W/m·K 0,088 W/m·K 0,194 W/m·K
Max. temperature of use	450 °C	EN 14707
Thickness tolerance	T4	EN 16463
Water absorption (short-time)	WS1	EN 13472
Chloride ion content	≤ 10 ppm (10 mg/1 kg)	EN 13468
Sound absorption	AW0,95 (for thickness above 100 mm) AW0,85 (for thickness of 50-99 mm)	EN ISO 354

Documents

Standard	PN-EN 14303:2009+A1:2013
CE Code	MW-EN 14303-T4-ST(+)450-WS1-CL10-AW0,95 (for thickness above 100 mm) MW-EN 14303-T4-ST(+)450-WS1-CL10-AW0,85 (for thickness of 50-99 mm)
DoP No.	DoP-pn5-2023
Hygienic cert. No.	AH 81/322/81/2023



ROHHE® Sp. z o.o.

05-555 Tarczyn, Al. Krakowska 19A
tel. +48 22 299 88 33, biuro@rohhe.pl, www.rohhe.pl