



## PRODUCT INFORMATION SHEET

# r.Shape®



### Product description

**r.Shape®** is a semi-rigid mineral wool moulding without facing. The mineral wool used has excellent mechanical and soundproofing features and high temperature resistance (up to 250 °C). The layout of the mineral wool fibres and the density, which is adapted to dedicated purposes, translate into flexibility of the product while maintaining thermal insulation, mechanical and damping features.

### Use

r.Shape® board is designed for thermal and acoustic insulation of vertical and horizontal components of technical installations, for which flexibility and insulation stability are required. Typical applications include the insulation of steel components, e.g. inspection doors, technical equipment, insulation of components with curved surfaces, e.g. tank walls and the sealing of expansion joints between sandwich slabs.

### Packaging

The product is packed horizontally on a pallet. In addition, the packed pallet is wrapped in stretch foil. This way of packing effectively protects the product from damage and soiling during transport and storage operations.

**Thickness: 10-250 mm, Format: upon request**

Specifications	Value	Norm
Reaction to fire class	<b>A1</b>	EN 13501-1
Thermal conductivity(at temp):	50° C, $\lambda_D$	<b>0,044</b> W/m·K
	150° C, $\lambda_D$	<b>0,068</b> W/m·K
	250° C, $\lambda_D$	<b>0,095</b> W/m·K
		EN 12667:2002
Thickness tolerance	<b>T5</b>	EN 16463
Water absorption (short-term)	<b>WS1</b>	EN 13472
Water vapour diffusion resistance	<b>MV1</b>	EN 14303
Air flow resistivity	30mm thickness	<b>AFr11</b>
	50mm thickness	<b>AFr14</b>
	200mm thickness	<b>AFr53</b>
		EN 14303

### Dokuments

Norm	<b>PN -EN 14303+A1:2013-07</b>
CE Code	<b>MW-EN14303-T5-ST(+ )250-WS1-MV1-AFr11/AFr14/AFr53</b>
DoP No.	<b>DoP-se5-2020</b>

**ROHHE® Sp. z o.o.**

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