



DECLARATION OF PERFORMANCE

No DoP-wt3/5-2024 (EN)

r.Whiz® T3/TD3 | T5/TD5 | T8/TD8



Unique identification code of the product type: r.Whiz® T3/TD3, r.Whiz® T5/TD5, r.Whiz® T8/TD8 – acoustic stone wool board

Intended use/uses: **ThIBEII - Thermal insulation for building equipment and industrial installations**

Manufacturer: **ROHHE® Sp. z o.o., 05-555 Tarczyn, Al. Krakowska 19A, rohhe.pl**

System of Assessment and Verification of Constancy of Performance: **System 1**

Harmonized standard: **PN-EN 14303+A1:2013-07**

Notified certification body: **Nr 1454 – Sieć Badawcza Łukasiewicz-Instytut Mechanizacji Budownictwa i Górnictwa Skalnego**

Declared performance: **Tabela 1, MW-EN 14303-T5-ST(+)-250-WS1-AW0,95** additional characteristic: **AF,10**

Table 1 - Harmonized technical specification acc. PN-EN 14303+A1:2013-07

| Essential characteristic | Performance | Declared class / level | Value |
|---|--|------------------------|---|
| Reaction to fire | Reaction to fire class | A2-s1,d0 | Incombustible |
| Thermal resistance | Thermal conductivity | | $\lambda_D - 0,044 \text{ W/m}\cdot\text{K}$ (in 50 °C) $\lambda_D - 0,068 \text{ W/m}\cdot\text{K}$ (in 150 °C) $\lambda_D - 0,095 \text{ W/m}\cdot\text{K}$ (in 250 °C) |
| Service temperature | Maximum service temperature | ST(+)-250 | 250 °C |
| Dimensions and tolerances | Thickness tolerance | T5 | -1% or -1mm/+3mm |
| | Width tolerance | - | ± 1,5 % |
| | Length tolerance | - | ± 2 % |
| | Deviation from squareness | - | ± 5 mm/m |
| Sound absorption coefficient | Sound absorption | AW0,95 | $\alpha_w = 0,95 \pm 0,05$ (class A) |
| Water permeability | Short-term water absorption | WS1 | ≤ 1kg/m ² |
| Air permeability | Specific air flow resistance | AF,10 | ≥ 10 kPa·s/m ² |
| Water vapour permeability | Diffusion resistance of water vapour | | NPD |
| Compressive strength | Compressive stress or compressive strength | | NPD |
| Value of corrosive substances released | Trace amounts of soluble joints and pH-value | | NPD |
| Release of dangerous substances to environment | Release of dangerous substances | | NPD |
| Continuous glowing combustion | Continuous glowing combustion | | NPD |
| Durability of thermal resistance against ageing/degradation | Durability of thermal resistance | | Not change with time |
| Durability of thermal resistance against high temperature | Durability of thermal resistance | | Not change with time |
| Durability of reaction to fire against ageing/degradation | Durability of reaction to fire | | Not change with time |
| Durability of reaction to fire against high temperature | Durability of reaction to fire | | Not change with time |

NPD – No Performance Determined

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

M. Mazanek

Małgorzata Mazanek
Quality Management

Tarczyn, dnia 08.05.2024

ROHHE® Sp. z o.o.

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