

STEPROCK ND

For step sound insulation under wet
and light Estrich concrete



Technical data sheet

ROCKWOOL®

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STEPROCK ND

LOAD BEARING MINERAL WOOL SHEET

• PRODUCT DESCRIPTION

Resin bonded, bare mineral wool sheet water repellent across its full cross-section.

• APPLICATIONS

A Steprock ND slab is especially suitable for step sound insulation of internal floors under wet light Estrich floating. Besides insulating step sounds it also insulates airborne sounds.

• PROPERTIES OF ROCKWOOL MINERAL WOOL

An excellent thermal insulator. It is non-inflammable, when exposed to heat it does not generate smoke, there is no dripping and prevents spread of fire. Besides being a good acoustic insulator it also has outstanding acoustical absorbing capacity. Water repellent across its full cross-section, its surface repels water drops but, at the same time, its diffusion resistance is almost identical with that of the air. No shrinkage, no heat expansion. It is not harmful to health: it is made of highly biodegradable RAL quality mineral wool raw material.

• PACKAGING

The Steprock ND slabs are wrapped in PE shrink foil with the name Rockwool printed on. Basic product data printed on the label.

DIMENSIONS, PRODUCED RANGE AND PACKAGING

| Thickness (mm) | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 |
|-----------------------|------------|-----|-----|-----|-----|-----|-----|-----|
| Width (mm) | 1000 x 600 | | | | | | | |
| m ² / bale | 9,6 | 7,2 | 6,0 | 4,8 | 4,8 | 3,6 | 3,6 | 3,0 |

TECHNICAL PARAMETERS

| Property | Symbol | Value | Unit | Standard |
|---|---|---|---|--------------------|
| Reaction to fire | — | A1 | — | EN 13501-1 |
| Declared coefficient of thermal conductivity | λ_D | 0,037 | W·m ⁻¹ ·K ⁻¹ | EN 12667, EN 12939 |
| Water vapour transmission | μ | 1 | (-) | EN 13162 |
| Nominal bulk density | ρ_{sm} | 120 | kg·m ⁻³ | EN 1602 |
| Thickness tolerance | T6 | -5% or -1 mm respectively +15 % or +3 mm (whichever means a higher tolerance limit) | | EN 12431 |
| Compressive stress at 10% deformation | CS(10)20 | ≥ 20 | kPa | EN 826 |
| Volume elasticity | CP4 | ≤ 4,0 | mm | EN 12431 |
| Water absorption at short-time immersing in water | WS | ≤ 1,0 | kg·m ⁻² | EN 1609 |
| Water absorption at long-time immersing in water | WL(P) | ≤ 3,0 | kg·m ⁻² | EN 12087 |
| Melting point | t_t | > 1000 | °C | DIN 4102 |
| Quality Management System | EN ISO 9001:2000 - Certificate No. CERT-13086-2003-AQ-BUD-TGA | | DNV Zertifizierung und Umweltgutachter GmbH | |
| CE – civil engineering certificate | 1390-CPD-0001/04/P | | CSI a.s., Prague | |

Any information contained in this data sheet describes the product properties applicable as at the time of issue. Please make sure you are using the most recent issue of this prospectus sheet because with respect to continuous development changes in our knowledge and experience may take place from time to time.

ROCKWOOL®

For further information please consult our website at www.rockwool.hu

Rockwool Hungary Kft.

H-1123 Budapest, Alkotás u. 39/c. • Tel: +36 1 225 2400, Fax: +36 1 225 2401

Technical information: +36 1 225 2405 • E-mail: info@rockwool.hu