



TECHNICAL DATA SHEET



THERMAWOOL

EN 13162+A1

Product Name

RAINCLAD

Standard

Thermal insulation products for buildings - Factory made mineral wool (MW) products - Specification

Description

Mineral wool - Thermal insulation material formed by melting of basalt stone at 1350°C-1400°C into fiber - for thermal, sound and fire insulation product

Surface Facing

Not faced

Area of Usage

Between aluminum, PVC, granite, marble and glass facade coating systems Light weight partition walls can be used as internal insulation of exterior walls, stairs and elevator cavities.

Product Performance

Technical Characteristics

Test Method

Units

Value or Statement

Thickness / d

EN ISO 29466

mm

30 - 150

Tolerances - T4

-3% or -3 mm; +5% or +5mm. - absolute large value in tolerance, + absolute small value in tolerance.

Length / l

EN ISO 29465

mm

1200

Tolerances $\pm 2\%$

Width/ b

EN ISO 29465

mm

600

Tolerances $\pm 1,5\%$ Squareness/ S_b

EN 824

mm/m

max.5

Flatness/ S_{max}

EN ISO 29468

mm

max.6

Thermal Conductivity

EN 12667
EN 12939

W/m.K

0.035

Thermal Resistance / R_d EN 12667
EN 12939

mm

(m².K)/W

30	40	50	60	70	80	100	120	140	150
0.85	1.10	1.40	1.70	2.00	2.25	2.85	3.40	4.00	4.25

Fire Reaction Class

EN 13501-1

Euroclass

A1

Short Term Water Absorption/ WS

EN ISO 29767

kg/m² ≤ 1

Long Term Water Absorption/ WL(P)

EN ISO 16535

kg/m² ≤ 3

Determination of dimensional stability under specified temperature

EN 1604

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DS(70,-)

Water Vapour Permeability / MU

EN 12086

 μ

1

Air Flow Resistance/ Afr

EN 29053

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NPD

Storage

The products should be stocked closed. If the storage area is open, the entire surface of the packages must be covered with cover or tarpaulin.

Product packages should be protected from water, moisture and sunlight in the storage area.

Appropriate work safety clothing and equipment must be used to protect the skin, eye and upper respiratory system during transport.

Product packages should be placed on at least one pallet which should not be in direct contact with the ground at storage area.

Products must be covered with a tarpaulin when shipped.

Do not leave any material on the products in such a way as to damage the package and the product.

Palletized products should not be stacked and stored on top of each other.

The opened packages must not be disposed of and must be disposed of in accordance with the regulations.