



DESCRIPTION

EUROTHANE AL QUATTRO is an insulation board with a core of rigid polyurethane foam faced on both sides and lengthways with a gold coloured kraft aluminium laminate.

TECHNICAL FEATURES

- **Thermal conductivity λ_D -value** according to EN 12667: **0,028 W/mK**
- **Core volume weight** $\pm 30 \text{ kg/m}^3$
- **Mechanical performance**
 - Compressive strength with 10% deformation: **CS(10/Y)120** according to EN 826 $\geq 120 \text{ kPa}$ ($1,2 \text{ kg/cm}^2$)
 - Transformation under the influence of a load: **DLT(2)5** according to EN 1605 40 kPa, at 70°C during 168 hours: $\leq 5\%$
- **Vapour diffusion resistance number μ of the PUR foam: 50-100**
- **Facing**
Gold coloured kraft aluminium laminate with PE-finishing and alu layer with a thickness of 9 μ .
- **Tensile strength perpendicular to surface: TR80** volgens EN 1607 $\geq 80 \text{ kPa}$
- **Long-term water absorption WL(T)2** according to EN 12087 $< 2\%$
- **Fire behaviour**
 - Euroclass F according to EN 13501-1

• Dimensional stability

- DS(TH)8** according to EN 1604
 - Humidity test 48-hours: 70°C, 90% RH
 - Change in length: $\leq 2\%$
 - Change in width: $\leq 2\%$
 - Change in thickness: $\leq 6\%$

DIMENSIONS

- Width: 1227 mm
- Length on request: possible up to max. 12 m
- Thicknesses: 30 mm \rightarrow 60 mm

APPLICATIONS

Insulation of industrial and agricultural buildings.

CERTIFICATES

ATG/H707



KEYMARK

001-BK-514-0004-0009-W001

STANDARDS

The production of these insulation boards is certified according to ISO 9001:2000



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EUROTHANE[®] AL QUATTRO

