

POWERLINE®

Characteristics:

- High insulation value
- Excellent fire behaviour
- Large dimensions
- Light weight
- Excellent protection against rodents
- Excellent spread of light

EURATHANE® AL

Characteristics:

- High insulation value
- Large dimensions
- Easy cleaning
- Easy installing because of the light weight
- Excellent spread of light



GOOD INSULATION ... DURABLE SAVING

RECTICEL
insulation

DESCRIPTION

Powerline is an insulation board with a core of rigid polyisocyanurate foam with a specific cell structure also named **TAUfoam** by Recticel, faced with a slightly honeycombed aluminium foil, white varnished on the visible side and grey coloured at the back.

TECHNICAL FEATURES

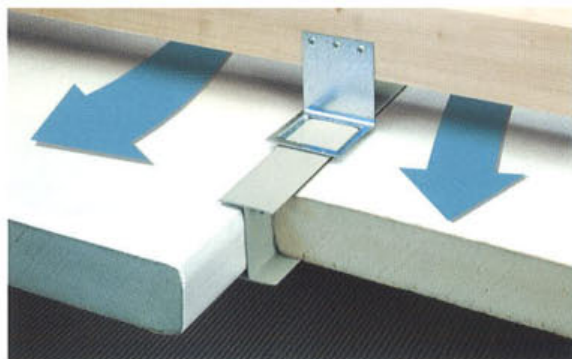
- **Thermal conductivity λ_D -value**
0,024 W/mK
- **Core volume weight:** $\pm 30 \text{ kg/m}^3$
- **Mechanical performance**
Compressive strength with 10 % deformation
Min. 150 kPa (1,5 kg/cm²)
- **Facing**
Slightly honeycombed aluminium foil (thickness 50 μ)
white varnished on the visible side,
alu-coloured at the back
- **Fire reaction:**
 - Class 1 according to BS 476 part 7
 - Euroclass D-S2-d0 according to EN 13501-1

DIMENSIONS

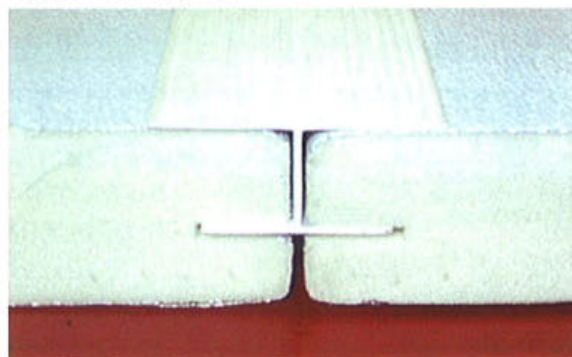
- Width: 1227 mm
- Length: max 6,5 m
- Thicknesses: 30 mm up to 60 mm

Recticel advises 2 installation techniques:

a) with Profisol Profiles



b) with Petro profiles



DESCRIPTION

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

TECHNICAL FEATURES

- **Thermal conductivity λ_D -value**
according to EN 12667:
- for thicknesses $\leq 60 \text{ mm}$: 0,028 W/mK
- for thicknesses $> 60 \text{ mm}$: 0,025 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 kg/cm²)
- **Facing**
Gold coloured kraft aluminium laminate
with PE-finishing
- **Fire reaction:**
Euroclass F according to EN 13501-1

DIMENSIONS

- **Width:** 1227 mm
- **Length:** max. 13 m
- **Thicknesses:** 30 mm up to 120 mm

APPLICATION

Insulation of industrial and agricultural building (pigsties, cowhouses, chickenhouses).

CERTIFICATES

ATG/H 707
ATG 1575
ATG 2481
KEYMARK 001-BK-514-0004-0009-W001
KEYMARK 001-BK-514-0004-0012-W001

STANDARDS

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



PRODUCTION WEVELGEM



RECTICEL Insulation

Tramstraat 6 - 8560 WEVELGEM

Tel. +32 (0)56 43 89 42 - Fax +32 (0)56 43 89 29

www.recticelinsulation.be - export.insulation@recticel.com