

LF 150

DOP 88

MW - EN 13162 - T5 - WS

RI
SE

Research Institutes
of Sweden



TERMOLAN

ISOLAMENTOS TERMO-ACÚSTICOS, S.A.

DEFINITION:

Rigid and high density slabs of uniform thickness made of stone wool fibres bonded with synthetic binder, without facing.

APPLICATIONS:

Slabs specially designed for floor applications as thermal and acoustical insulation and reduction of impact noise.

BENEFITS:

- Easy and quick application;
- Compatible with heating floors solutions;
- Very good thermal insulation;
- Excellent acoustical insulation and impact noise reduction;
- Very good mechanical performance;
- High insulation performances;
- Fire safety;
- Excellent water behaviour;
- Inert product respecting the environment (CFC and HCFC free).

PRESENTATION:

Slabs. Options:

THICKNESS (mm) [NP EN 823]	DIMENSIONS (mm) [NP EN 822]
20 to 50	1200×1000

Tolerances:

THICKNESS (CLASS T5): -1 % OR -1 mm ^{a)} TO +3 mm

LENGTH: ±2 %

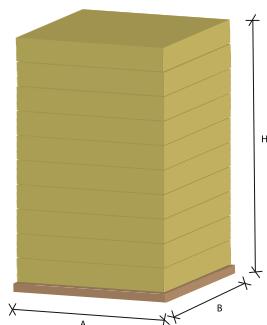
WIDTH: ±1.5 %

^{a)} Is valid the greatest numerical tolerance

PACKAGING:

Packages packed in retractile plastic.

Geometry (A×B×H):



Protection against fire



Thermal insulation



Acoustical insulation

PHYSICAL PROPERTIES OF MATERIALS

NOMINAL DENSITY

150 kg/m³

THERMAL RESISTANCE, R_D

EN 12667
EN 12939

THICKNESS (mm)	20	30	40	50
R_D (m ² .K/W)	0.50	0.80	1.05	1.35

THERMAL CONDUCTIVITY, λ_D

EN 12667
EN 12939

Declared value: $\lambda_D = 0.037$ W/m.K

FIRE REACTION

EN 13501-1
ISO 1182

Incombustible - **EUROCLASS A1**

WATER ABSORPTION

NP EN 1609

$WS \leq 1.00$ kg/m²

WATER VAPOUR DIFFUSION FACTOR

EN 12086

$\mu = 1.30$



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