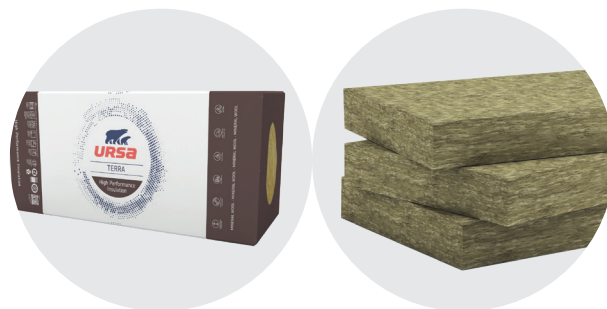


TERRA 74Ph

MW-EN-13162-T3-MU1-WL(P)-AF5

Freestanding insulation boards, made from mineral wool
- water repellent.



Thermal and acoustic insulation is appropriate for unloaded surfaces (i.e. for cold attics and attics, where surfaces are not walked upon), as a filling for lowered ceilings and in prefabricated wooden constructions. We can use it also for walls and ceilings of containers. Thermal and acoustic insulation is recommended for lightweight partition wall, special in a system with metal under construction and plasterboard. Lightweight partition walls are tested on sound insulation and fire resistance. Walls are fire resistance with 30, 60 or 90 min. depending on construction system. Excellent product for thermal and acoustic insulation of external walls in a system of ventilated facade or in double wall system.



Technical data	Value	Standard
Thermal conductivity (λ_D)	0,037 W/mK	EN 13162
Fire resistance performance	A1	EN 13501-1
Measured linear air stream resistance	> 5 kPa s/m ²	
Temperature limit of usage	200°C	
Density	17 kg/m ³	
Sound insulation	58/59 dB	in system*

Thickness [mm]	70	75	100
Width [mm]	600	600	600
Length [mm]	1250	1250	1250
Thermal resistance R_D [m ² K/W]	1,85	2,125	2,70



www.blauer-engel.de/luz132



The product is certified in accordance with EN 13162.
EC conformance certificate no.: 0672 – CPR – 0319.

MW – abbreviation for mineral wool
EN 13162 – European standard number
Ti – thickness tolerance
TRi – tensile strength perpendicular to sheet plane
WL(P) – water absorption after long term submersion
MU_i – moisture-vapour permeability
SDi – stated grade of dynamic rigidity
CPi – compressibility
AFi – air stream resistance

* two layer plasterboards + 70/100mm insulation + two layer plasterboard

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