



ISOVER T-P 30 MM STONE WOOL SLABS

Designation code CE: MW-EN13162-T7-DS(70,90)-CS(10)50-CP2-PL(5)700-WS-WL(P)-MU1



HIGHT POINT LOAD



INCREASED COMPRESSIVE
STRENGTH



THERMAL INSULATION

TECHNICAL SPECIFICATION

Slabs made from ISOVER stone wool. The slabs are obtained by melting the mineral raw materials in a furnace, fiberizing the melt in REX process, spraying a binder and adding mineral oils for protection against dust and water repellence. The mineral fibers mat is processed into slabs which are packaged on the production line.

APPLICATION

ISOVER T-P 30 mm slabs are suitable for sound and thermal insulation of the floors. The boards can be used in light and heavy floating floors, under the floating screed (made according to the regulations in force) or under the boards (for example made of Rigidur, Rigistabil, OSB or wood). The boards are recommended for installation on building floors, where the installed load on the floor is less than 5 kN/m². It is important to check the flatness of the floor and to follow the installation recommendations.



BENEFITS

- resistance to increased mechanical stress (high point load, high compressive stress level and compressibility);
- very good thermal insulation performance;
- fire safety (non-combustible material, Class A1);
- excellent noise absorption;
- low vapor resistance - high water vapor permeability, hydrophobized;
- environmentally friendly;
- easy to handle, non-toxic, hydrophobized;
- long life span and time-stable properties;
- resistant to mold, mildew, rodents and insects;
- chemically neutral, non-corrosive;
- easy workability - can be cut, drilled into, glued, etc.;

AMBALARE, TRANSPORT, DEPOSITARE

ISOVER T-P 30 mm slabs are packaged in PE foil and the packages are palletized. The slabs must be transported, stored and install by avoiding contact with water or other damage. The slabs in the construction should be protected suitably (vapor-proof foil, layers of the floor construction).

CERTIFICATES, STANDARDS, APPROVALS

- Certificate of constancy of performance
EC: 1840-CPR-99/91/EC/0114-07
- ISO 9001, ISO 14001, ISO 45001



ISOVER T-P 30 MM

STONE WOOL SLABS

Designation code CE: MW-EN13162-T7-DS(70,90)-CS(10)50-CP2-PL(5)700-WS-WL(P)-MU1

TECHNICAL PARAMETERS

PARAMETER	U.M.	VALUE
THERMAL INSULATION PROPERTIES		
Declared thermal conductivity coefficient - λ_D	W/(m•K)	0.037
MECHANICAL PROPERTIES		
Compressive stress at 10% deformation σ_{10} or CS (10\Y)	kPa	≥ 50
Compressibility c (c = dL—dB) CP	-	CP2
Point load at a given deformation (F_p), PL(5)	N	700
FIRE SAFETY PROPERTIES		
Reaction to fire	Class	A1
OTHER PROPERTIES		
Relative change in thickness $\Delta\epsilon_d$, DS(70,90)	%	max. 1
Short term water absorption W_p / Long term water absorption W_{lp}	kg/m ²	max. 1 / max. 3
Water vapor resistance factor (μ) MU	-	1
Thickness tolerance	Class	T7

DIMENSIONS AND PACKAGING

Product	Thickness (mm)	Length x Width (mm)	Area (m ² /package)	Number of packs/pallet	Area (m ² /pallet)	Declared thermal resistance R_D (m ² •K/W)
ISOVER T-P	30	1000 x 600	5.4	18	97.2	0.80

ISOVER is a registered trademark of Saint-Gobain. The information contained herein reflects the latest data based on our current knowledge and experience and are subject to change without prior notice as a result of technical or production changes. Please ensure you always have the latest version of this document by accessing our site at the following address: www.isover.ro.

This document contains only general recommendations and does not address special circumstances.

Prior to installation, please ensure that you have thoroughly read and understood the specifications of your project, that you have tested the product for your specific purpose, and that the selected product will enable the required outcome.

The information presented in this document does not constitute a guarantee as to certain properties of the product or compatibility for a specific use, hence Saint-Gobain Group cannot be held responsible for the quality of the installation works.

SAINT-GOBAIN ROMANIA • ISOVER
165 Floreasca Road
One United Tower • 10th floor
1st District • code 014459 • Bucharest • Romania
Tel.: +40 21 207 57 50/51
info.constructionproducts@saint-gobain.com
www.isover.ro

March 20th, 2023. Declared characteristics are valid at the date of publishing.
The manufacturer reserves the right to change them.

