

DOMO GLASS WOOL ROLLS



Specification code CE:MW-EN 13162-T1-MU1-AF5:



TECHNICAL SPECIFICATION

Compressed rolls made of Isover glass wool. The mats are manufactured by melting the mineral raw materials in a furnace, fiberising the melt through TEL process, spraying a binder and adding mineral oils for protection against dust and water repellence. The mineral fibres mat is compressed and packaged in rolls on the production line.

APPLICATION

Isover Domo mats can be used for thermal and sound insulation of residential buildings where insulation is not subject to mechanical loads:

- pitched roofs and attics
- walls of wooden houses
- the inner surface of vertical walls
- partition walls

PACKAGING, TRANSPORT, WAREHOUSING

Isover Domo mats are packaged in PE foil bags. The rolls must be shipped and stored avoiding the contact with water, or any other damages.

BENEFITS

- very good thermal insulation performance (low thermal conductivity)
- fire safety - non-combustible material
- excellent acoustic properties (high absorption coefficient)
- easy to handle, non-toxic
- easy installation in roof and wooden structures—the product is elastic and compressible
- easy installation in roof and wooden structures— a piece of product that is 2 cm wider than the distance between rafters stays without any support between them
- at installation can be pierced by the hangers of the dry lining system - this eliminates the spaces without insulation material around them, which represents thermal bridges
- low vapour flow resistance
- unlimited resistance in vertical position
- environment friendly and hygienic
- completely hydrophobic - is made water repellent
- long life span and time-stable properties
- resistant to mould, mildew, rodents and insects
- chemically neutral, non-corrosive
- easy workability - can be cut, drilled etc

RELATED DOCUMENTS

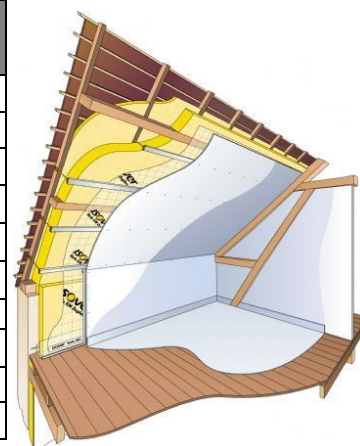
- EC compliance certificate: CE 1840 - CPR- 99/91/EC/0677 - 18
- ISO 9001, ISO 14001, OHSAS 18001

TECHNICAL PARAMETERS

PARAMETER	UM	VALUE
THERMAL INSULATION PROPERTIES		
Declared thermal conductivity λ_D	W/(m K)	0,039
FIRE SAFETY PROPERTIES		
Reaction to fire	-	A1
OTHER PROPERTIES		
Maximum temperature for use	°C	200
Air flow resistivity AF_r	kPa s/m ²	>5
Water vapour diffusion resistance factor μ MU	-	1

SIZE AND PACKAGING

Product	Thickness (mm)	Length x width (mm x mm)	Area (m ² /roll)	Declared thermal resistance R_D (m ² .K/W)
Domo Twin	2 x 40	2 x 9000 x 1200	21,6	1,00
Domo Twin	2 x 50	2 x 7500 x 1200	18,00	1,25
Domo Twin	2 x 60	2 x 6000 x 1200	14,40	1,50
Domo	80	9000 x 1200	10,80	2,05
Domo	100	7500 x 1200	9,00	2,55
Domo	120	6000 x 1200	7,20	3,05
Domo	140	5000 x 1200	6,00	3,55
Domo	160	5000 x 1200	6,00	4,10
Domo	180	4000 x 1200	4,80	4,60
Domo	200	3500 x 1200	4,20	5,10



The product will be delivered as MPS - multi pack system, 24 rolls /pallet

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