

# 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

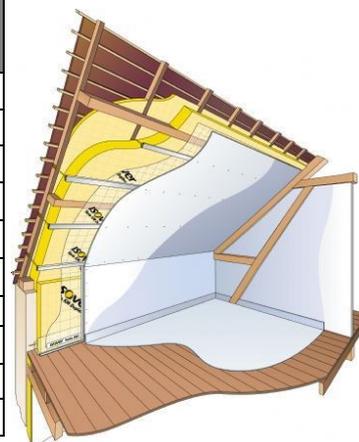
- EC compliance certificate: CE 1840 - CPR- 99/91/EC/0677 - 18
- ISO 9001, ISO 14001, OHSAS 18001

## TECHNICAL PARAMETERS

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

## SIZE AND PACKAGING

Product	Thickness (mm)	Length x width (mm x mm)	Area (m <sup>2</sup> /roll)	Declared thermal resistance $R_D$ (m <sup>2</sup> .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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