

# Isover DOMO COMFORT

## Mineral fibreglass insulation



Specification code: MW - EN 13162 - T2 - MU1 - AF5

### TECHNICAL SPECIFICATION

Rolled insulation mats made of Isover fibreglass wool 1200 mm width with special coated surface for easy workability. The wool are covered with hydrophobic fibres on the entire surface. The production method is based on the fibering of glass melt and other additives and ingredients. The mineral fibres produced are processed into the final mat shape on the production line. The insulation in the construction should be protected (vapour-proof foil, suitable protection against dust setting in case of loosely laid insulation, additional construction layers). The insulation is not harmful to the environment or public health, it is resistant to moulds, fungi and wood-destroying insects.

### APPLICATION

Isover DOMO COMFORT rolls are suitable for any thermal, acoustic, no-load insulation for hanging false ceilings, cavity insulation (increase in acoustic insulation), and non-running roof constructions.

### PACKAGING, TRANSPORT, WAREHOUSING

The Isover DOMO COMFORT rolls are packaged into PE foil. They come in MPS packs (1MPS = 24 rolls, volume 4.09 m<sup>3</sup>). Loose packages can be supplied after an agreement with the manufacturer. Rolls have to be transported in covered vehicles under conditions preventing them from getting wet or being degraded. They are stored in covered spaces.

### BENEFITS

- fire-resistant
- very good thermal insulation performance
- excellent acoustic properties in terms of noise absorption
- low vapour resistance - good water vapour penetrability
- environmentally friendly and hygienic
- completely hydrophobic
- long life span
- resistant to wood-destroying pests, rodents, and insect
- easy workability - can be cut, drilled into, etc.
- dimensional stability during temperature change

### DIMENSIONS AND PACKAGING

Product	Thickness (mm)	Dimensions (mm)	Per package (m <sup>2</sup> )	MPS (m <sup>2</sup> )	Declared thermal resistance R <sub>D</sub> (m <sup>2</sup> .K.W <sup>-1</sup> )
DOMO COMFORT 10	100	8000 x 1200	9.60	230.4	2.55
DOMO COMFORT 12	120	7000 x 1200	8.40	201.6	3.05
DOMO COMFORT 14	140	6250 x 1200	7.50	180.0	3.55
DOMO COMFORT 16	160	5500 x 1200	6.60	158.4	4.10
DOMO COMFORT 18	180	4750 x 1200	5.70	136.8	4.60

Thickness tolerance classification T2 complies with allowed tolerance according to EN 13162: - 5% or - 5% mm, while the higher numerical value prevails and + 15mm or + mm where the lower tolerance numerical value is predominant.

### TECHNICAL PARAMETERS

Parameter	Unit	Value	Norm
<b>THERMAL INSULATING PROPERTIES</b>			
Condition set for declared values I(10°C) and (u <sub>dry</sub> )	-	-	EN ISO 10456
Declared thermal conductivity coefficient λ <sub>D</sub>	Wm <sup>-1</sup> .K <sup>-1</sup>	0.039	EN 12667
Specific heat capacity c <sub>d</sub>	Jkg <sup>-1</sup> .K <sup>-1</sup>	840	ČSN 730540-3
<b>MECHANICAL PROPERTIES</b>			
Specific load value	kN.m <sup>-3</sup>	0.12	EN 1991-1-1, EN 1990
<b>FIRE SAFETY PROPERTIES</b>			
Reaction to fire class	-	A2-s1,d0	EN 13501-1
Maximum temperature for use	°C	200	-
Melting temperature t <sub>1</sub>	°C	< 1000	DIN 4102 part 17
<b>OTHER PROPERTIES</b>			
Specific resistance against air flow AF <sub>r</sub>	kPa.s.m <sup>-3</sup>	≥ 5	EN 29053
Vapour resistance coefficient (μ) MU	-	1	EN 12086

### RELATED DOCUMENTS

- EC compliance certificate 1486-CPD-0254

1. 1. 2012 The information is valid up to date of publishing. The manufacturer reserves right to change the data.