UNIROLL PLUS
GLASS WOOL ROLLS

Specification code CE: MW-EN 13162-T1-MU1-AF8

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 Uniroll Plus mats can be used for thermal, sound and fire insulation in buildings where insulation is not subject to mechanical loads:

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

PACKAGING, TRANSPORT, WAREHOUSING

Isover Uniroll Plus 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 wool wooden structures—the product is elastic and compressible
- 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 certificate: 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)	0,036
FIRE SAFETY PROPERTIES		
Reaction to fire	-	A1
OTHER PROPERTIES		
Maximum temperature for use	°C	200
Air flow resistivity **AFr**	kPa s/m^2	>8
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)
Uniroll Plus	2 x 50	5000 x 1200	12.00	1.35
Uniroll Plus	80	6000 x 1200	7.20	2.20
Uniroll Plus	100	5000 x 1200	6.00	2.75
Uniroll Plus	120	4500 x 1200	5.40	3.30
Uniroll Plus	150	4500 x 1200	5.40	4.15

The product will be delivered as MPS - multi pack system

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