# KB
## GLASS WOOL ROLLS

Cod certificare CE:MW – EN 13162 – T1 – WS – WL(P) - MU1 – AFr7

## 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. The roll includes 2 mats having 600 mm width.

## APPLICATION

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

- metallic building walls
- partition walls
- dry lining insulation

## PACKAGING, TRANSPORT, WAREHOUSING

Isover KB 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 installation in metallic building walls and partition walls - the mats with 600 mm width do not need cutting before installation
- 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
- easy to handle, non-toxic
- 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

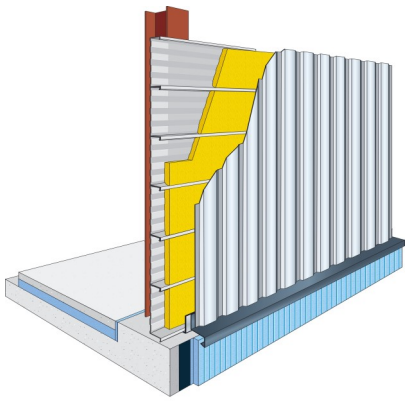
## TECHNICAL PARAMETERS

| PARAMETER | UM | VALUE |
|---|---|---|
| **THERMAL INSULATION PROPERTIES** | | |
| Declared thermal conductivity $\lambda_D$ | W/(m·K) | 0,038 |
| **FIRE SAFETY PROPERTIES** | | |
| Reaction to fire | - | A1 |
| **OTHER PROPERTIES** | | |
| Maximum temperature for use | °C | 200 |
| Air flow resistivity **AFr** | 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) |
|---|---|---|---|---|
| KB | 50 | 7500 x (2x600) | 9,00 | 1,30 |
| KB | 60 | 7500 x (2x600) | 9,00 | 1,55 |
| KB | 80 | 7500 x (2x600) | 9,00 | 2,10 |
| KB | 100 | 6000 x (2x600) | 7,20 | 2,60 |
| KB | 120 | 5500 x (2x600) | 6,60 | 3,15 |

The product will be delivered as MPS - multi pack system



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