

FORTE FASSADE GLASS WOOL BOARDS



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



TECHNICAL SPECIFICATION

Semi-rigid boards made of Isover glass wool faced with glass fiber tissue (yellow, or black). The boards 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 produced are processed in slabs on the production line .

APPLICATION

Isover Forte Fassade boards can be used for thermal, sound and fire insulation of residential and industrial buildings where insulation is not subject to mechanical loads:

- ventilated facades
- curtain walls
- industrial equipment
- suspended ceilings

PACKAGING, TRANSPORT, WAREHOUSING

Isover Forte Fassade boards are packaged in PE foil packs, or in PE foil bags. The boards 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 ventilated facade and curtain wall structures—the product is elastic and compressible
- does not need wind barrier - the facing ensures protection against humidity and chimney effect
- low vapour flow resistance
- unlimited resistance in vertical position
- easy to handle, non-toxic
- 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)	0,034
FIRE SAFETY PROPERTIES		
Reaction to fire	-	Euroclass A1
OTHER PROPERTIES		
Water vapour diffusion resistance factor μ , MU	-	1
Maximum temperature for use	°C	200
Air flow resistivity AFr	kPa s/m ²	>5
Level and class for thickness tolerance T1	mm	- 5 %, or -5 mm

SIZE AND PACKAGING

Product	Thickness (mm)	Length x width (mm)	Area (m ² /pack or m ² /bag)	Declared thermal resistance R_D (m ² .K/W)
FORTE FASSADE	50	1000 x 600	7,20	1,45
FORTE FASSADE	60	1000 x 600	6,00	1,75
FORTE FASSADE	80	1000 x 600	4,80	2,35
FORTE FASSADE	100	1000 x 600	3,60	2,90
FORTE FASSADE	120	1000 x 600	3,00	3,50

Other thickness can be available on request. Please contact the manufacturer for this purpose.

