

Product:	MASTERWOOL GLASS- RR035	
Supplier:	MASTERPLAST, H-8143 Sárszentmihály, Árpád u. 1/A., www.masterplastgroup.com PIMCO Kft., 3900 Szerencs, külterület hrsz. 086/13	
Size, packaging:	Packed in rolls, wrapped in shrink film, in the packaging sizes specified in Table 1.	
Application:	Due to its properties, it is primarily suitable for installation in pitched roofs between and below rafters, as well as for the insulation of ceiling structures above suspended ceilings, in non-walkable attic floors, in walkable attic floors when installed between joists, and in timber- and metal-framed partition and external wall structures. The insulation material must be protected from the interior heated side with an airtight and vapour-retarding/barrier membrane (with sealed joints using appropriate adhesive materials) in order to prevent condensation caused by moisture that may enter the structure.	
Material:	Non-load-bearing thermal and acoustic insulation material made of hydrophobized glass fibres, with a formaldehyde-free (bio-based) binder and without facing.	

Properties		Test method	Performances		
Thermal resistance	Thermal conductivity	EN 12667	λ_D	0,035	W/m·K
	Thermal resistance		R_D	see Table 1.	m ² ·K/W
	Thickness (^a greatest value / ^b smallest value)	EN 823	T2	50- 260 '-5 ^a / +15 ^b	mm % or mm ^{ab}
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal conductivity	EN 13501-1	RtF	A1	class
	Thermal resistance		RtF	A1	class
Fire behavior	Reaction to fire	EN 12667	λ_D	0,035	W/m·K
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire		R_D	see Table 1.	m ² ·K/W
Compressive strength	Compressive stress or compressive strength	EN 826	CS(10/Y)	NPD	-
	Point load	EN 826	PL	NPD	-
Tensile strength	Tensile strength perpendicular to faces	EN 1607	TR	NPD	-
Water permeability	Short term water absorption	MSZ EN ISO 29767:2019	WS	NPD	-
	Long term water absorption	EN ISO 16535	WL(P)	NPD	-
Water vapour permeability	Water vapour transmission	EN 12086	MU	1	-
Direct airborne sound insulation index	Air flow resistivity		AF _r	5	-
Release of dangerous substances	Release of dangerous substances	-	-	NPD	-
Continuous glowing combustion		-	-	NPD	-

NPD - No Performance Determined

Table 1.

Thickness	50 mm	100 mm	150 mm	200 mm	250 mm
R_D (m ² ·K/W)	1,40	2,85	4,25	5,70	7,40
Width	1200 mm	1200 mm	1200 mm	1200 mm	1200 mm
Length	6000 mm	6000 mm	4000 mm	3000 mm	2500 mm
m ² /roll	14,40	7,20	4,80	3,60	3,00
rolls/ pallet	24	24	24	24	24

Storage and handling:

The compressed rolls are packed vertically on pallets, in two layers per pallet, with three units per layer (four rolls per unit), wrapped in shrink film. The top and side surfaces of the pallet are protected with UV-resistant, waterproof foil, making the factory-packed pallets suitable for both outdoor and indoor storage. The recommended maximum storage period is 3 months outdoors and 6 months indoors. Opened pallets must only be stored in a covered, dry place. Pallets must not be stacked, as this may cause damage to the packaging and the glass wool. Pallets must be placed on a dry, level surface in order to prevent the lower packages from becoming wet.

Guarantee, warranty:

In accordance with the current legislations and the conditions of the distributor. The observation of the application rules of the product and presentation of the invoice constitute a prerequisite for possible future warranty claims.

Standards, specifications:

EN 13162:2012+A1:2015

Designation according to the standard:

MW-EN 13162-T2-MU1-AFr5

Health and safety:

No labelling required in accordance with the relevant regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH).

This datasheet corresponds to our current knowledge, experiences and general informations on the subject, but may be revised as new knowledge and/or experience becomes available. It does not imply any legally binding assurance. The product possesses the given technical characteristics. Since all variations of end-using of the product can not be anticipated, the designer/end-user's responsibility to make sure of the suitability of this product for particular purposes, structures. The manufacturer supposes essential technical skill and skillfull application during construction.

This technical datasheet is applied to products sold by MASTERPLAST International Kft. and valid until withdrawal or until modification. Since this datasheet may be subject to revision, it is the responsibility of designer/end-user to make sure of possessing the latest version of the datasheet (*see date of issuing). Most recent version of this datasheet can be also accessed under www.masterplastgroup.com. Herewith the previously issued versions of this datasheets lose their validity and must be replaced by this version!