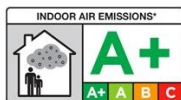


FIBRAN TWR 1600



Description

Biosoluble glasswool roll with density – variable according to the thickness – 11,5-13 kg/m³, produced with a binder of natural origin. The roll is faced in one side with a glass fleece.

FIBRAN TWR 1600 roll is CE marked according to the standard EN 13162.

Applications

Thermal and acoustic insulation of internal partitions and internal lining systems, with metal or timber structures.
Thermal and acoustic insulation of ceilings.

Characteristics	U. M.	Value	Standard
Width	mm	600	-
Thermal conductivity (at 10°C)	W/m K	$\lambda_D = 0,038$ – thickness 45 mm $\lambda_D = 0,040$ – thickness 70-95 mm	EN 12667
Reaction to fire	Class	A1	EN 13501-1
Specific Heat Capacity	kJ/kg K	$C_p = 1,03$	EN 10456
Water vapor resistance factor	-	$\mu = 1$	EN 12086
Short term water absorption	kg/m ²	$WS \leq 1$	EN 1609
Airflow resistivity	kPa s/m ²	$AF_r = 7$ – thickness 45 mm $AF_r = 6$ – thickness 70-95 mm	EN 29053

Designation code:
MW - EN 13162 - T1 - WS - MU1

Characteristics	Indications
Health and safety	FIBRAN TWR 1600 glasswool rolls are biosoluble in compliance with the parameters of Note Q of the Directive 97/69/EC, as referred to by the European Regulation 1272/2008/CE. In addition, in accordance to the European Regulation 790/2009/EC (10 August 2009), the classification of mineral wool products with the risk phrase "R38 - irritating to the skin" has been eliminated.
EUCEB Certification	FIBRAN TWR 1600 glasswool rolls are certified according to the EUCEB (European Certification Board for Mineral Wool Products) mark: EUCEB Certificate No. BEUC-511-19684-363-19684 of 01/06/2023. EUCEB is an independent body that ensures, with its procedures, the compliance of mineral wool with Note Q, its biosolubility and its classification as a non-dangerous material.
CAM (Minimum Environmental Criteria)	FIBRAN TWR 1600 glasswool rolls meet the requirements of the Ministerial Decrees «CAM» 11/10/2017 and 23/06/2022 (the latter effective from 04/12/2022). Regarding the compliance with the minimum percentage by weight of recycled and/or recovered and/or by-product materials, this characteristic is certified by the ICMQ certificate No.P425 of 05/02/2024.
Indoor air emissions	FIBRAN TWR 1600 glasswool rolls do not emit volatiles pollutants. According to the EUROFINS certificate dated 27/05/2021, the A + classification has been obtained in accordance to the standard ISO 16000-9.
Packaging	Boards in packs on pallets

Characteristics			Packaging			
thickness (mm)	length (mm)	thermal resistance (m ² K/ W)	rolls / pack (No.)	quantity / pack (m ²)	packs / pallet (No.)	quantity / pallet (m ²)
45	15.000	1,15	2	18,00	24	432,00
70	10.000	1,75	2	12,00	24	288,00
95	7.500	2,35	2	9,00	24	216,00

FIBRAN reserves the right to alter or amend product specifications without notice. The information included in this publication is correct to the best of our knowledge at the time of printing. Whilst FIBRAN will endeavor to ensure publications are up to date, it is the user's responsibility to check with the company the validity of the information prior to materials' use.

For more information visit the web site www.fibran.it or contact the Technical Support.

29/02/2024 rev5