

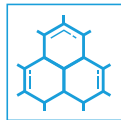
# MADA GLASSWOOL INSULATION

## Technical Data Sheet

TDS-ACC-R04-Rev1 Mada Glasswool - July 2022



### Advantage



Mada Glasswool Insulation is inorganic. Does not encourage growth of fungi and vermin.



Glasswool is chemically inert. Application does not cause or accelerate corrosion. Mada Glasswool Insulation is rot proof and odorless.

### Product Description

Mada Glasswool Insulation is an insulating material consisting of fine, long, inorganic fibers bonded together by high temperature binder. It has good acoustic properties, light weight, high tensile strength and exceptional resilience. Mada Glasswool Insulation is non corrosive to metal and does not support mold grow.

### Field of Application

Applicable for all Drywall Systems and all such applications.

### Manufacturing Standard

- Mada Glasswool Insulation complies to ASTM C665, ASTM C177, ASTM C167, ASTM C168, ASTM C553 and BS476



## TECHNICAL DATA SHEET

### Technical Specification

Parameters	Applicable Standard	Detail
Color	-	Light Yellow
Rigidity	-	Semi-Flexible
Water vapor sorption	ASTM C1104	<5 % by weight
Thickness (mm)	-	25, 50, 75, 100
Density (kg/m <sup>3</sup> )	-	10, 12, 16, 24
Service Temperature	-	232°C
Thermal Conductivity	-	0.037 – 0.040 (w/mK)
Thermal Resistance	-	1.28 – 1.40 (m <sup>2</sup> .K/W)
NRC	ASTM C423	0.8 - 1.0
Flame & Smoke Index	ASTM E84 / UL 723	0
Fungal Resistance	ASTM C665	Nil
Packing	-	(1.2 x 20) m / Roll

### Handling and Storage

- Unpack material at application site to avoid unnecessary handling of product. keep work areas clean.
- Avoid unnecessary handling of scrap material and debris by placing such materials in suitable containers, which should be kept as close to the work area as possible.
- Ensure good ventilation. local exhaust ventilation may be required if the method of use produces dust levels which exceed applicable exposure limits
- Avoid excessive eye and skin contact with dusts and fibers.
- Use recommended cleanup procedures to avoid buildup of dusts and fibers in the work area.
- Material Storage - keep material in original packaging until it is to be used. Store material to protect against adverse conditions including precipitation.

### Health Hazard

- Inhalation: inhalation of dust can cause nose, throat lungs and upper respiratory tract irritation. persons exposed to dust may be forced to leave area because of nuisance conditions such as coughing, sneezing and nasal irritation.
- Eye Contact: direct contact will cause some mechanical irritation.
- Skin Contact: may cause transitory mechanical dermatitis.

### General Note

The products should not be used for purposes other than those shown on the Mada Technical Proposal.