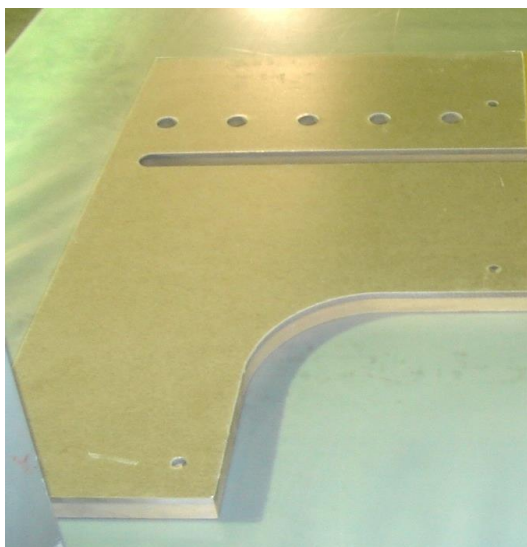


DURAGLAS MI 450

TECHNICAL DATA SHEET Rev.02 10/01/2015



Description:

DURAGLASS MI 450 is a multi-layered board that joins the high-performance mechanical properties of both DURAGLASS and COGETHERM MI 450. Due to its resistance to pressure at high temperatures, DURAGLASS is a product purposely designed for presses (installed between plate and die) set to minimise heat spreading through the press mechanism.

DURAGLASS MI450 is totally fireproof and characterized by very low fumes emission when used at high temperatures.

TECHNICAL SPECIFICATIONS:

PLATE SIZE	mm	1200x1000	
THICKNESS	mm	From 10 up to 50	
		COGETHERM MI 450 MC	DURAGLASS S
DENSITY	g/cm ³	2	1,9
COLOR		Grey/Silver	Light Yellow
Compressive Strength at 200 °C	MPa	250	280
Flexural Strength 200 °C	MPa	200	140
Dielectric Strength	KV/mm	13	80
Thermal Conductivity	W/mK	0,3	1,25
Water Absorption	%	0,2	0.2
Linear Expansion Coefficient	K	10*10 ⁻⁶	13*10 ⁻⁶
Maximum Continuous Service temperature	°C	350	
Maximum peak temperature resistance	°C	500	
Parallelism	mm	+/- 0,05 over 1 m	

(*) different thickness available on request.

The product has been formulated in collaboration with:

- COGEBI – Belgium - ROCHLING - Germany