



TECHNICAL DATA SHEET 1B/31	Emission: 16/02/2018 Rev. 2 : 13/09/2018
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**ISOTHERMAL PANELS MISA
ASSEMBLY SYSTEMS WITH FASTENERS**

- SANDWICH SIDE PANEL
- SANDWICH WALK-IN FLOOR PANEL PED
- SANDWICH ROOL-IN FLOOR PANEL P250 and P400 WITH 10 mm MULTILAYER SUPPORT
- SANDWICH ROOL-IN FLOOR PANEL P1000 ST WITH MANDARIN FINISH 8mm THICKNESS
- SANDWICH ROLL-IN FLOOR PANEL STAINLESS STEEL P1000 IX WITH 15 mm MULTILAYER SUPPORT

PANEL	THICKNESS mm	WEIGHT kg/m ²		USE °C	U TRASMITTANCE W/m ² K
		Side	floor		
S6	60	11.0	14.0	+8/0	0.36
S10	100	12.0	15.0	-18/-25	0.22
S13	130	14.0	17.0	-25/-35	0.17

FOR FLOOR PANEL CAPACITY VALUES, SEE THE TECHNICAL DATA SHEET 1B/7

DIMENSIONS

WIDTH:400-800-1200 mm ±0.5 mm
LENGHT: from 400 to 4400 mm with 200mm modular increase

COVERS FOR SIDE PANELS:

- PLASTIFIED GALVANIZED PLATE Support thickness: 0.45 mm + cover 110µ ±7% (max operation temperature: 55°C)
- STAINLESS STEEL 304 PLATE PROTECTED Support thickness: 0.50 mm (max operation temperature: 70°C)
- PREPAINTED GALVANIZED PLATE Support thickness: 0.50 mm (max operation temperature: 70°C)

COVERS FOR FLOOR PANELS

- PLASTIFIED GALVANIZED PLATE Support thickness: 0.7mm +cover 200µ ± 7% (max operation temperature:55°C)
- STAINLESS STEEL RIGID FINISH PLATE Support thickness: 1.00 mm (max operation temperature:70°C)

NOTE:

-THE PLASTIFIED PLATE COVER IS NON-TOXIC; THEREFORE, IT CAN BE IN CONTACT WITH FOODSTUFF
INSULATION: POLYURETHANE FOAM (PUR,PIR) of variable density from 38 Kg/m³ to 40 Kg/m³ and thermal conductivity (λ)
= 0.022 W

BLOWING AGENT : cyclo-pentane and hydro fluoro olefine (HFO)+ hydro fluoro carbides (HFC). ABSENT: CFC , HCFC; ODP=0

REACTION TO FIRE	
D s3 d0 standard	} Rating in accordance with EN 13501-1 based on test EN 13823 and EN 11925-2
B s3 d0 upon request	

PANEL MECHANICAL PROPERTIES	METHOD	DIMENSIONAL STABILITY PUR/PIR (EN 2796)	
Traction strenght	≥0.080 N/mm ²	EN 826	at -20°C at +70°C
Compression strenght	≥0.120 N/mm ²	EN 1607	thickness ≤ 0.2% ≤ 2.0%
Shear strenght	S6 ≥ 2.0 N/mm ²	EN 14509	width ≤ 0.2% ≤ 1.0%
	S10 ≥ 1.7 "	"	lenght ≤ 0.2% ≤ 0.5%
	S13 ≥ 1.5 "	"	

NOTE DO NOT WALK ON COLD ROOM ROOFS. THEY CANNOT SUPPORT ANY ADDITIONAL LOAD.
COLD ROOMS CAN BE INSTALLED ONLY INDOOR.
FOR ANY SPECIFIC REQUESTS, DO NOT HESITATE TO CONTACT OUR TECHNICAL SALES OFFICE.