

TECHNICAL DATA SHEET - PVC

Expanded PVC is a material of its own use for internal and external visual communication, as it is weather resistant. In this area, the material also stands out for having a great surface for applying inks, UV printing and the like. The transformation of the plates can be done through processes such as cutting, machining, gluing and thermoforming.

Composition: Polychloride of Vinyl and Calcium Carbonate.

Tests performed: Rohs, Reach, SGS.

Thicknesses: 2mm, 3mm, 4mm, 5mm, 6mm, 10mm, 12mm, 15mm, 20mm, 25mm, 30mm.

Dimensions: 1220x2440.

Density:

Description	Dimensions(mm)	Finishing	Density	Weight (kg/plate)
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 2	FOAM BOARD	0,60	3,57
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 3	FOAM BOARD	0,60	5,36
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 4	FOAM BOARD	0,60	7,14
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 5	CELUKA BOARD	0,50	7,44
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 6	CELUKA BOARD	0,50	8,93
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 6	CELUKA BOARD	0,50	11,91
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 10	CELUKA BOARD	0,50	14,88
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 12	CELUKA BOARD	0,50	17,86
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 15	CELUKA BOARD	0,50	22,33
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 20	CELUKA BOARD	0,50	29,77
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 25	CELUKA BOARD	0,50	40,93
BOLDCELL EXPANDED WHITE PVC	1220 x 2440 x 30	CELUKA BOARD	0,50	49,12

Features:

Expanded PVC has a good versatility and can be easily combined with other materials, such as acrylic. Lightweight and easy to handle and mold, it has excellent resistance to fire and water. It also has a good cost-benefit, because it is made of sustainable material. Durability of up to 5 years.

Key Technical Data		
Data	Unit	Parameter
Density	Kg/m ³	450~900
Rockwell Hardness	D	≥55
Elongation resistance	Mpa	≥10
Breaking point	%	≥15
Molding resistance	Mpa	≥20
Free impact resistance	Kj/m ²	≥10
Temperature range	°C	-40~70
Fire resistance		Self-extinguished in less than 5 seconds
Water absorption	%	≤1.0

Observations:

- Safe with good fire retardant;
- Moisture proof, mold proof, non-hygroscopicity and shockproof;
- It has long service life (05 years) and stable color;
- Light weight, it is practical for transportation and installation;
- It is processed even for wood material such as drilling, sawing, nailing, planning and bonding;
- Can be processed in heat bending and hot bending.
- It can also be welded and connected to each other;
- Texture less surface and suitable for printing.

Emergency procedure and first aid:

- Wash the retracted eyelids with plenty of water;
- In case of prolonged irritation by fine particles when machining the product, consult a doctor.;
- No warning required in normal handling.