

## TECHNICAL DATA

### VITPRINT

VITPRINT, composite panel for indoor and outdoor applications, built with a white extruded polystyrene core (with density 30kg / m<sup>2</sup>), between 2 PVC sheets half expanded with a thickness of 1mm, (density 0.80 KG / m<sup>2</sup>), protected on both sides by a transparent film.

#### ADVANTAGES VITPRINT

- Rigid and very light at the same time.
- Very homogeneous and resistant surface.
- Protective film on both sides.
- Suitable for CNC milling.
- Very easy to handle.
- Valid for indoor and outdoor applications (even in extreme conditions).
- Great printing results.
- Present in the Spanish market with the same product since 1999.

#### TYPES AND FORMATS

With a standard measurement 3050 x 2030 mm, its thicknesses range goes from 10mm to 19mm, also available in 15mm under minimum order.

#### APPLICATION AREAS

- All types of work done with UV printing.
- Digital printing and screen printing.
- Ideal for promotional campaigns in points of sale.
- Displays.
- Signaling.
- Medium term external applications.
- Signaling points.
- Photographic exhibitions, etc.

## TECHNICAL SPECIFICATIONS - VITPRINT

Properties	Value	Unit	Standard
<b>Physical properties</b>			
Specific gravity	0,69	g/cm <sup>3</sup>	ASTM D-792
Water absorption 24h 23°C, 50% RH	0,5	%	ASTM D-570
<b>Mechanical properties</b>			
Flexural strength	1100	MPa	ASTM D-790
Elongation at break	40		ASTM D-790
<b>Electrical properties</b>			
Specific resistance	<10 <sup>15</sup>	Ohm	ASTM D-257
<b>Thermal properties</b>			
Working temperature range	-10 to 55	°C	
Thermal deflation temperature	59-63	°C	ASTM D-48
VICAT softening temperature (load 1kg)	74-78	°C	ASTM D-1525
Linear thermal expansion coefficient	6,7	10 <sup>-5</sup> /°C	ASTM D-696
Thermal conductivity	0,07	W/mk	ASTM C-177
<b>Fire properties</b>			
Construction (EU)	B,s1,d0		EN13501-1

The properties described here are typical values of the material. Polimer Tecnic is not responsible for the materials of a specific consignment to exactly match the given values, being able to carry out tests of that heading. The above information is based on our experience and is given in good faith. Due to some installation and processing factors that are beyond our knowledge and control, no guarantee is given regarding such information.