



# 312 P PANEL ADHESIVE

Panel adhesive is an acrylic based adhesive with high initial strength **designed for the mounting of the xps, eps, plaster boards and light weight decoration materials.**

## FEATURES & BENEFITS

- High initial power,
- Both vertical and horizontal application,
- Good gap-filling capacity on rough surfaces,
- Waterborne,
- No odor & solvent,
- Paintable.

## APPLICATIONS

- Installation of the xps, eps, plaster board, polystyrene and decorative panels on various building materials,
- Bonding of wooden structural elements,
- The installation of moldings, paneling, baseboards and drywall material,
- Bonding of tiles, bricks, foam, felt and similar materials.

Mounting  
Xps, Eps and  
Plaster  
Boards

## INSTRUCTIONS

- The substrates to be assembled must be flat, dry, dust-free and not have any traces of grease or other contaminants that could adversely affect the bonding performance.
- For fast curing and bonding, at least one of the surfaces should be porous.
- The application temperature should be between 5°C and 35 °C.
- Apply the adhesive on the edges and corners of the materials to be bonded and fix them in needed position.
- Before the full curing surfaces can be moved and this gives time to users for desired application.
- Pressing can be necessary for full curing.
- During the curing, protect the materials from excessive moisture, water and rain.
- Adhesive can be fully cleaned with water before the cure.



## RESTRICTIONS;

- Not suitable for areas which are constantly exposed to water.
- The curing process may be retarded when both surfaces in contact are porous.
- The pressure applied in the beginning is critical to final bonding strength.

## STORAGE AND SHELF LIFE;

15 months between 5<sup>0</sup>C and 25<sup>0</sup>C in closed original packaging.

## PROPERTIES

<b>Basis</b>	<b>: Acrylic dispersion</b>	
<b>Density</b>	: 1.68 ± 0.03 gr/cm <sup>3</sup>	(ASTM D 1875)
<b>Tack-Free Time</b>	: 30-40 minutes (at 25 °C and %50 R.H.)	(ASTM C 679)
<b>Curing Rate</b>	: 1-2 mm/day (at 25 °C and %50 R.H.)	
<b>Temperature Resistance</b>	: -10°C to +80°C	
<b>Application Temperature</b>	: +5°C to +40°C	
<b>Maximum Shear Strength (beech-beech)</b>		
<b>After 6 hours</b>	: 30 kgf/cm <sup>2</sup>	
<b>After 24 hours</b>	: > 60 kgf/cm <sup>2</sup>	

## PRODUCT

Product Type	Volume	Package
312P ( Cartridge)	310 mL	12

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