

## PYROTEK® CB ADHESIVE

### high-performance flexible adhesive

Pyrotek® CB Adhesive is a high-performance, flexible polymer adhesive suitable for installation of concrete panels onto masonry substrates.

Developed for high strength bonds with Viterolite®, it has excellent working properties for installation of vertical panels. The chemical cure is suitable to large size panels that are exposed to outdoor conditions.

Pyrotek® CB Adhesive is a cementitious-based, flexible polymer adhesive, filled with a specialised nano rated system. Due to its composition of lightweight aggregates and specialty fibres, Pyrotek® CB Adhesive has excellent working characteristics similar to a mastic but it will chemically cure to form an impressive bond.

Being a cement based compound, the material is easy to apply by simply trowelling onto surfaces. Once dry, the cured film is UV, water and chip resistant and exhibits low combustibility.



### applications

- Masonry substrates
- Compressed fibre cement and plasterboard
- Ideal for Viterolite
- Highly suited to vertical applications
- For Interior and exterior use
- Great for flooring

### SPECIFICATIONS

Colour	White
Packaging	Plastic lined paper sacks Adhesive type: Cementitious

### features

- Minimum weight, maximum performance
- Easy application and clean-up
- Non-slip or sag adhesive
- Excellent adhesion, strength
- Suitable for outdoor exposure
- Good working characteristics
- Minimal/Low shrinkage
- Ideal for weight sensitive applications - lightweight for applying panels to vertical surfaces
- Water-based



## PRODUCT SPECIFICATIONS

Product Name	Adhesive type	Colour	Packaging	Weight	Mixing Ratio (Water to adhesive)
Pyrotek CB Adhesive	Cementitious	White	Plastic lined paper sacks	20 kg	1:3

## MATERIAL PROPERTIES

Application	Coverage m <sup>2</sup>	Consumption kg/m <sup>2</sup>
6 x 6 mm notch trowel	10 - 12	1.8

Standard AS ISO 13007	
C2	> 1.00 MPa
E	open time
T	Thixotropic
S1	> 2.5 mm deflection over 300 mm

Properties	Result
Tensile strength	> 2.0 MPa
Tensile strength, immersed material for 21 days	> 1.0 MPa
Tensile strength, 14 days heat aged	> 1.5 MPa
Transverse Deformation	> 3.5 mm
Compressive strength	> 20 MPa
VOC content	< 1 g/L

Properties	Time
Open time	20 min
Pot life	1 hr
Initial set	6 hr
Foot traffic	24 hr
Heavy traffic	72 hr

Note: Above specification is for material at 20 °C.

For further information and contact details, please visit our website [pyroteknc.com](http://pyroteknc.com)

Caveats: Specifications are subject to change without notice. The data in this document is typical of average values based on tests by independent laboratories or by the manufacturer and are indicative only. Materials must be tested under intended service conditions to determine their suitability for purpose. The conclusions drawn from acoustic test results are as interpreted by qualified independent testing authorities. Nothing here releases the purchaser/user from responsibility to determine the suitability of the product for their project needs. Always seek the opinion of your acoustic or mechanical engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek is not responsible for differing outcomes from using their products. Pyrotek disclaims any liability for damages or consequential loss as a result of reliance solely on the information presented. No warranty is made that the use of this information or of the products, processes or equipment to which this Information Page refers will not infringe any third party's patents or rights. DISCLAIMER: This document is covered by Pyrotek standard Disclaimer, Warranty and © Copyright clauses. See [pyroteknc.com/disclaimer](http://pyroteknc.com/disclaimer).

