



**C-TEC**  
BUILDING PRODUCT  
SPECIALISTS

## Product Information



### **TECHNICAL DATA** **TRIBRID® Polymer**

Density :	1569kg/m <sup>3</sup>
Curing in 24hrs :	2 to 3mm
Shrinkage :	None
Skinning Time :	10-15mins
E-Modulus 100% :	1.39 Mpa
Volume shrinkage after cure :	none
Hardness – DIN 53505 Shore A :	60°
Tensile strength :	22Kg / cm <sup>2</sup>
Thermal stability :	-40°C till + 90°C
Elongation at rupture – DIN 53504	335.00%

#### **Chemical resistance**

Good:	Water, seawater, aliphatic solvents, oils, greases, Diluted organic acids.
Moderate:	Esters, ketones, Aromatics
Bad:	Concentrated acids, chlorinated solvents, High concentrations of chlorine

Shelf life :	18 months
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Fast curing / Cures with no shrinking / Remains flexible / Resists vibrations.

#### **Bonding Performance:**

Initial strength for horizontal bonding (uncured) 100grms / cm<sup>2</sup>.  
Initial strength for vertical bonding (uncured) 20grms / cm<sup>2</sup>.  
Tensile strength fully cured 22kg / cm<sup>2</sup>.  
Shear strength fully cured 11kg / cm<sup>2</sup>.

All information, including illustrations, is believed to be reliable. Users however, should independently evaluate the suitability of each product for their application. C-TEC makes no warranties of the accuracy or completeness of the information, and disclaims any liability regarding its use. C-TEC only obligations are those in the standard terms and conditions of sale of this product, and in no case will C-TEC be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of this product.(20200512)



## **General Information**

Based on our revolutionary TRIBRID® technology Power Grab 'n' Bond is a unique solvent free construction adhesive with an exceptionally high initial grab followed by an incredible structural bond. It can be applied to Concrete, Most Stones, Ceramic, Marble, Wood, Gypsum Board, Metals, Lead, Glass, Mirror, Plastics (excluding PP, PE and PTFE) and any combination of the above without any additional fixings. For application advice on sandstone type materials contact our technical department. For application advice on powder coated substrates, contact powder coating manufacturer.

## **APPLICATIONS**

- Apply a 450mm x 13mm bead of PGB per kilogram weight on heavy vertical bonding.
- For all other applications, including general building maintenance Power Grab 'n' Bond bonds non-porous stone, concrete, natural stone, gypsum board, wood, glass, polycarbonate, ceramics and many other materials. For highly porous stone please contact Technical Services via website.
- As a universal adhesive Power Grab 'n' Bond bonds to most surfaces and does not attack synthetic material.
- On mirror applications apply in vertical strips (Not suitable for PP backed mirrors), on natural stone, polyester, polystyrene foam (does not bleed through).
- Power Grab 'n' Bond bonds copper, lead, zinc, aluminium, stainless steel, and is resistant to vibration.

## **DIRECTION FOR USE**

- Cut the tube at the nose and apply with the "v" in the nozzle facing up.
- Porous stone should be sealed with a good quality PVA solution.
- All surfaces should be clean and dry.
- It is advisable that all Metal applications should be cleaned and de-greased with C-Tec Multisolve.

## **DELIVERY FORM**

Power Grab'n' Bond is supplied in a 290ml Cartridge.