



**C-TEC**  
BUILDING PRODUCT  
SPECIALISTS

## Product Information



## TECHNICAL DATA

### Hybrid Polymer

<b>Shrinkage</b>	nil	nil
<b>Flow</b>	5 Bar / 3mm / 23°C	140 g/min
<b>Skin cure</b>	23°C 50% R.H.	8 minutes
<b>Non-adhering</b>	23°C 50% R.	25minutes
<b>Full cure time</b>	23°C 50% R.H.	24hrs - 6mm 48hrs - 7/12mm

<b>E-Modulus 100%</b>	172 N/cm <sup>2</sup> / 1,72 Mpa
<b>Volume shrinkage after cure</b>	< 3%
<b>Hardness – DIN 53505</b>	60 Shore A
<b>Tensile strength :</b>	265 N/cm <sup>2</sup> / 2,65 Mpa
<b>Thermal stability:</b>	-40°C till + 120°C Peak: 155°C max. 30min.
<b>Elongation at rupture – DIN 53504</b>	> 350 %

**Non toxic**

**EC1 & EC1 A+ Certified**

### Chemical resistance

**Good:** Water, seawater, aliphatic solvents, oils ,greases  
Diluted organic acids.

**Dirt attachment:** Practically none

**Moderate:** Esters, Ketones, Aromatics, chlorine for swimming pools chlorinated solvents.

**Bad:** Concentrated Acids

**Shelf life:** 18 months

- 1) Measured to ISO 9040
- 2) Measured to DIN 53504
- 3) Measured to DIN 53505

All above tests according to ISO 11.600 25HM

ETAG 022 Annex E,B & Additional tests of Annex F.  
ISEGA Food Approval.

C-Tec N.I. Limited, Unit 6 Ashtree Enterprise Park,  
Newry, Co. Down, Northern Ireland, BT34 1BY.

Tel: 028 3083 4892 Fax: 028 3026 4444

Email: [info@ct1.com](mailto:info@ct1.com) Web: [www.ct1.com](http://www.ct1.com)

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 of 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. (20190927)



## **APPLICATIONS**

For all applications, including construction, engineering, roofing, repair & maintenance, installation and marine repair CT1 replaces: Wood and P.U. adhesives, silicone sealants, sanitary silicone sealants, acrylic sealants and butyl rubber sealants.

As a universal adhesive CT1 bonds to all metals (including lead), glass, mirrors, all woods, MDF, polystyrene, fibreglass, tiles, concrete, most stones (without staining), most synthetic materials, plastics (excluding PP, PE and PTFE).

On mirror applications apply in vertical strips (Not suitable for PP backed mirrors). CT1 works on natural stone (does not bleed through), polyester, polystyrene foam, wet surfaces, even under water.

CT1 Clear and Silver are used predominantly internally and all colours have become the professionals' choice in large scale infrastructure projects.

CT1 can also be painted but must be fully cured and is paintable with all common water-based paints (not suitable with Alkyd Paints).

For application advice on powder coated substrates contact powder coating manufacturer.

### **DIRECTION FOR USE:**

Before use ensure the cartridge has been stored at room temperature

Cut the Cartridge at the nose

Cut off nozzle at desired dimensions

Use a Mastic Gun

Apply on a clean, degreased surface

Finish off the joints with MULTISOLVE

**AVAILABLE COLOURS:** Clear, white, black, grey, beige, brown, oak, blue, silver & anthracite.

### **CT1: DELIVERY FORM**

Recyclable 290ml Cartridges. (Please note cartridges must be completely empty and nozzle removed before being recycled).