



**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<br>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<br>Peak: 155°C max. 30min. |

**Elongation at rupture –  
DIN 53504** > 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.



## APPLICATIONS

- For all applications, including bathrooms and general building maintenance CT1 replaces: Wood and P.U. adhesives, silicone sealants,, sanitary silicone sealants, acrylic sealants, butyl rubber sealants.
- As a universal adhesive CT1 bonds to most surfaces and does not attack synthetic material.
- On mirrors (Apply in vertical strips), on natural stone (does not bleed through), polyester, polystyrene foam, wet surfaces, even under water
- Repaintable with all common 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

### CT1: DELIVERY FORM

- In Recyclable 290ml Cartridges or New 200ml No-Gun Required - Automatic Dispenser.
- **Colours Available in New 200ml:** White, Black and Grey
- **Colours Available in 290ml Cartridge:** Clear, white, black, grey, beige, brown, oak, blue & silver.