



What is CT1?

CT1 is a unique 'TRIBRID®' Technology Sealant and Construction Adhesive that's now 3 times stronger, with 250% more elongation than a traditional Hybrid and MS Polymers. It's also mould, mildew and UV resistant and provides secured colour retention for even longer periods of time!

How is TRIBRID® Technology Better?

CT1 is rigorously and independently tested and proven to be stronger and more flexible than **ALL Hybrid and MS Polymer adhesives**.

- Tested under **EN ISO 8339:2005**, Determination of Tensile Properties - Extension at Break
CT1 TRIBRID® was found to be up to 360% stronger as an adhesive than traditional Hybrid polymer products. If questioned about its capabilities by another supplier, then they should be asked to show the results of their test results to compare the strengths and back up the ridiculous claims they are making.
- Tests carried out under **DIN 53504-S1A** – Elongation at Break
CT1 TRIBRID® was found to have up to 250% increased flexibility than traditional Hybrid polymer products with the older technology.



CT1 is Supplied in Environmentally Complaint Cartridges!

CT1 is supplied in game changing packaging technology manufactured from 80% recycled content and is totally 100% recyclable after full use. With 'design for recycling' within the very core of C-TEC's products, service and relationships, CT1's packaging creates real solutions with long term environmental benefits.

ISEGA Certified for use in Food Preparation Areas!

ISEGA approval is confirmation that CT1 Sealant & Adhesive meets the highest hygiene and food safety requirements. It's suitable for use in all food preparation areas in both domestic environments and commercial

spaces including food packaging, commercial kitchens, laboratories, clean rooms and cold stores.



CT1 is Anti-Pick!

CT1 Colours (not Clear or Silver) are classed as anti-pick, and suitable for use in areas such as hospitals, environments where patients require continuous supervision, prisons etc.

They have achieved the following test results:

- Shore Hardness - 60 ±5 (DIN 53505)
- Density 1.58kg/L (ISO 1183-1)

CT1 Clear and Silver have achieved lower results in the Shore Hardness and density tests, and therefore are not suitable for applications where an anti-pick product is required.

Important Features and Benefits:

- High tensile strength – 31.6 kg/cm² (tested to BS EN ISO 8339:2005).
- 10 Colours
 - CT1 can be used both internally and externally.
 - CT1 Clear and CT1 Silver are used predominantly internally (not in direct strong sunlight).
- UV Resistant.
- Does not release fumes.
- Solvent and isocyanate free.
- Asthma and Allergy Safe.
- Good chemical resistance to water, seawater, aliphatic solvents, oils, greases and diluted organic acids.
- Moderate chemical resistance to esters, ketones, aromatics, chlorine for swimming pools and chlorinated solvents.
- Environmentally and Ecologically Compliant Sealant and Adhesive.
- Use internally or externally* (CT1 Colours).
- Works in dry or wet conditions (even under water).
- Accreditations including:
 - EC1 Plus Certified A+ Indoor Air Comfort GOLD®.
 - ISEGA Food Preparation Certificate.
 - ETAG 022.
 - ISO9001:2015
 - ISO14001:2015
 - ISO45001:2018
 - NAAF Asthma and Allergy Approval
 - VOC Emissions Class A+
- Excellent colour retention – Suitable for use where long term visual appearance is to be maintained.
- Fungal and mould resistant.
- Vibration resistant.
- Odourless.
- Highly elastic - Does not shrink or crack.
- Ideal for caulking.
- Can be painted over (with water-based paints).

CT1 is a high quality, high performing, unique sealant and construction adhesive by building product specialists C-TEC. It is one of a range of exclusive problem-solving products used by trades people.

What does CT1 Bond to?

As a universal sealant and adhesive CT1 bonds to:

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| • All metals (including lead). | • Brick. | • Insulation Boards |
| • Glass. | • Tiles. | • Fibreglass. |
| • Mirrors. | • Concrete. | • Polystyrene. |
| • All woods. | • Most stones. | • Polycarbonate |
| • Plastics (excluding PP, PE and PTFE). | • Most synthetic materials. | • MDF. |

