C-TEC®
BUILDING PRODUCT SPECIALISTS

Product Information

C·T·1®
NEW TRIBRID® TECHNOLOGY

TECHNICAL DATA

TRIBRID® Polymer

Application temperature	+5ºC to +40ºC	
Flow/sag	< 3mm	
Skin cure	23ºC 50% R.H.	25 minutes ±5 min
Full cure time	23ºC 50% R.H.	2-3mm/12hrs
(Due to the versatility of CT1 and the multitude of diverse applications, both internally and externally, the curing time can vary).		3-6 mm/12-48hrs 6-12mm/48-72hrs

	Colours	Clear + Silver
Density ISO 1183-1	1.58kg/Ltr	1.04kg/Ltr
E-Modulus 100% (DIN 53504-S1A)	1.15 N/mm²	0.64 N/mm²
Volume shrinkage after cure:	<3%	<3%
Hardness – DIN 53505:	55º Shore A	42º Shore A
Tensile strength : (DIN 53504-S1A)	2.90 N/mm² (2.90 Mpa)	1.60 N/mm² (1.60 Mpa)

Substrate Bonding (Tensile Force) 3.07 N/mm² = 31.3 Kg/cm²

Samples prepared and tested to BS EN ISO 8339:2005, Determination of Tensile properties - Extension at break

See CT1 TRIBRID® Multiple Substrate Test Report for full details.

Thermal stability: -40ºC to + 120ºC

Elongation at rupture (DIN 53504-S1A)	**385%**	**500%**

Frost Resistance during transport: Up to -15ºC

Curing system: Neutral Cure

Non Toxic

EC1 Plus Certified A+ Indoor Air Comfort GOLD®

ISEGA Food Preparation Certificate

ETAG 022

Chemical resistance

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

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

Limitations: Strong Acids and Alkalis

Dirt attachment: Practically none

Shelf life: 18 months

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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 best results prior testing is recommended.

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).

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