

## TECHNICAL DATA SHEET

# TRI'ACTION TOTAL TECH

### Product description

Ceys Tri'Action formula is a product based on the latest hybrid polymer technology for bonding, sealing and repairing most materials.

Ceys Tri'Action is a single-component adhesive that stands out for its excellent adhesive behaviour on many different substrates. It combines excellent adhesion properties and versatility as an adhesive with maximum flexibility and impermeability as a sealant.

### Properties

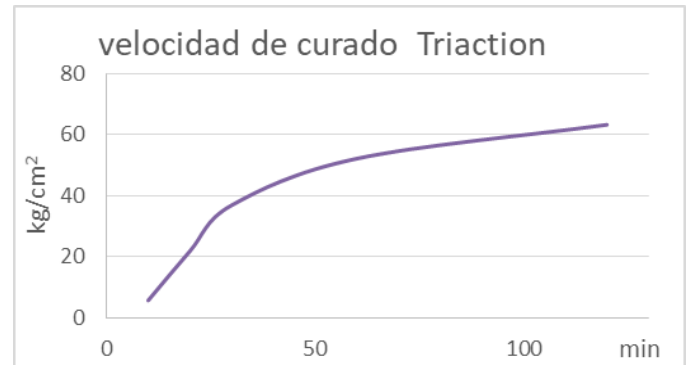
Water- and solvent-free, polymer-based repair adhesive using Total Tech technology.

- High final strength and initial hold
- Flexible and vibration resistant
- Gel texture
- Filling voids
- Safe and easy to use
- Solvent-free, no shrinkage
- Single-component, moisture-cured
- For indoor and outdoor use
- Resistant to water and ageing

### Technical characteristics

<b>Chemical basis</b>	Hybrid polymer
<b>Appearance</b>	Gel
<b>Colour</b>	Transparent
<b>Skin formation time (23 °C, 50 % RH)</b>	10 min.
<b>Depth of cure</b>	1 day – 2.5 mm 3 days – 5 mm 7 days – 7 mm
<b>Shear strength (ISO 37)</b>	84.3 kg/cm <sup>2</sup>
<b>Overlapping bonds (UNE 1465)</b>	Anodised aluminium - 70.5 kg/cm <sup>2</sup> Beech wood - 70.5 kg/cm <sup>2</sup>
<b>Elongation (ISO 37)</b>	151 %
<b>Shore A (DIN 53505)</b>	68
<b>Density</b>	1.08 g/cm <sup>3</sup>
<b>Viscosity</b>	0.1 – 326 (Pa·s) 5 – 103 (Pa·s) 10 – 91 (Pa·s)
<b>Application temperature</b>	+15 °C to + 40 °C
<b>Service temperature</b>	-50 °C to +120 °C

**Fig. 1. Mechanical tensile stress vs. time in the first hours (beech wood with beech wood)**



**Fig. 1**

### Applications

For DIY, repair and modelling jobs in and around the home

- Repairing and bonding flexible materials: all types of rubber and plastics.
- Special adhesive for unfavourable conditions often encountered with adhesives: humidity, vibrations, sudden changes in temperature.
- Flexible sealing of metals: bodywork, automotive and electronics applications.
- Joints requiring non-hazardous, solvent-free adhesives.

### Materials

Suitable for bonding/sealing or repairing most absorbent and non-absorbent materials such as:

- Metals (aluminium, stainless steel, brass, steel, copper, zinc, etc.)
- Glass, concrete, ceramics, tile, stone
- Wood, cork, paper, cardboard
- Textiles, leather, rubber, varnished surfaces.
- Plastics such as rigid PVC, rigid polystyrene, polycarbonate, polymethylmethacrylate (PMMA, Plexiglas®), glass-fibre reinforced plastics such as reinforced polyester or polyamide, polystyrene foam (Styrofoam®).

X Not suitable for polyethylene (PE), polypropylene (PP), Teflon® (PTFE) and sensitive textiles.

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### Instructions for use

#### Surface preparation:

Surfaces should preferably be clean and dry, free from dust and grease.

The material used for cleaning substrates will depend on the nature of the surface: for metal or glass substrates, wiping with a clean cloth moistened with alcohol or acetone will be sufficient.

#### Application:

- As a sealant:

Apply inside the joint to be filled. Do not to apply on joints wider than 3 mm.

- As an adhesive:

Apply to one of the two surfaces to be bonded, making sure to cover the maximum surface area.

Join the two surfaces in the desired position and press firmly.

Secure surfaces mechanically to prevent movement for at least 1 hour. Wait 2 hours for vertical joints.

Maximum strength is achieved 24 hours after application.

### Dissolving and cleaning

When freshly applied, this product may be removed using hot soapy water, alcohol or acetone; once solidified, acetone can be used.

Mechanical means must be used to remove from porous materials.

### Storage

Store in a cool, dry place in its original closed container and protected from direct sunlight and humidity. Store at between +5 °C and +35 °C. In its original container, this product has a storage life of 24 months.

### Safety precautions

Keep out of the reach of children.

See safety data sheet (MSDS) for more information.

***The user shall take ultimate responsibility for determining the final suitability of the product in all types of application.***

The information given in this Technical Data Sheet should never be considered as a specification of the product's properties.

We guarantee the uniformity of the properties of our products in all supplies. The recommendations and information published in this technical data sheet are based on our current knowledge and rigorous laboratory tests. Due to the many variations in each project's materials and conditions, we ask our customers to conduct their own tests of utility under the expected working conditions and following our general instructions. This will avoid any subsequent damage, for the consequences of which the company is not responsible.