

## TECHNICAL DATA SHEET

# TOTAL TECH TRANSPARENT

### Product description

Total Tech 100 % Transparent is a sealant and adhesive that combines versatility and adhesion on all types of materials (delicate materials, zinc-coated steel, galvanized steel, polycarbonate) with high flexibility and tightness (sealant) even under water.

It combines the best characteristics of a sealant with the mechanical capacity of a mounting adhesive.

### Technical characteristics

<b>Colours</b>	Transparent colourless/silver
<b>Chemical basis</b>	Hybrid polymer
<b>Sag (Daniels viscometer):</b>	0 mm
<b>Dry residue</b>	> 95%
<b>Density</b>	1.04 – 1.07 kg/l
<b>Skin formation (2 mm, 23 °C, 50 % RH):</b>	15 min.
<b>Depth of cure</b>	3 mm (24 hr.); > 7 mm (7 days)
<b>Shore A hardness (DIN 53505):</b>	43-45
<b>Elongation at break (DIN 53504):</b>	450 %
<b>Tensile strength (DIN 53504)</b>	2.8 MPa
<b>T<sub>service</sub></b>	-40 °C – +90 °C
<b>T<sub>application</sub></b>	+5 °C – +35 °C
<b>Viscosity</b>	200–900 cP (5 s <sup>-1</sup> ); 150–400 cP (10 s <sup>-1</sup> ); 50–150 cP (50 s <sup>-1</sup> )
All formats comply with CE marking for EN 15651-1 (F EXT-INT CF), EN 15651-2 (G CF) and EN 15651-3 (S). HABITAT SAIN A+ certificate UV radiation resistant 100 % paintable during the first 24 hr.	

### Applications

- Aluminium framing.
- Skylight installation.
- Sealing and expansion joints.
- Industrial bodywork.
- Installation of partitions.
- Construction material, caravans and boats.
- Sandwich and insulating panels.
- Installation of glass bricks, and metal and plastic parts.

### Instructions for use

#### Surface preparation:

Surfaces to be fixed or sealed must be clean, free of dust or grease, lichen, mould, mildew or any residues from other applications that could compromise the adhesion of Total Tech. The material used for cleaning substrates will depend

on the nature of the surface, but for metal or glass substrates it will be sufficient to wipe them with a clean cloth moistened with acetone.

In other cases, seek the advice of the manufacturer of the substrate for the best cleaning method.

#### Application:

#### Sealing:

Cut the nozzle to the desired diameter and apply to the inside of the joint using an appropriate sealant gun. For vertical sealant runs, work from bottom to top to avoid the formation of air pockets inside the joint (cracks in tiles, etc.).

CEYS SILICONE SMOOTHING spatula can be used to smooth the surface of the joint.

*The minimum application thickness should be 5 mm to ensure proper UV resistance.*

*Not suitable for sealing in direct contact with water containing high concentrations of chlorine, salt water, hydrocarbons, solvents, strong acids or bases.*

*Product suitable for repairing and sealing swimming pools. In this case the repairs will be temporary and not permanent as chlorine and salt are highly oxidising and will eventually degrade the installations.*

#### Bonding:

Apply in dabs or in a bead on the object to be bonded if a seal is also required. Fix the joints using mechanical means (presses, sash clamps or screws) to stop them moving and keep them in the desired position for a minimum of 24 hours; in the case of non-porous materials we suggest waiting 48 hours.

#### Cleaning:

The fresh product should be cleaned using paper or a cloth to remove excess product and then wiped with the same item lightly moistened with alcohol. This will ensure that the stained area is totally clean. The cured product should be cleaned using mechanical treatments.

#### Paintability:

Broad spectrum of adhesion without prior priming. Paintable during the first 24 hours after application (prior test is always recommended).

### Storage

In normal storage conditions and in its original packaging, this product's storage life is 15 months. Keep container in a cool, dry place between +10 °C and +25 °C.



Ref.: 507242, 507226, 507126  
Colours: transparent, silver  
Format: 290-ml cartridge  
125-ml tube

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### 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.***

For applications other than those set out in this Technical Data Sheet, please contact the AC Marca Adhesives technical service department. 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. The information given in this Technical Data Sheet should never be considered as a specification of the product's properties.