

# MS TECHNO SCREEN

## PRODUCT DESCRIPTION

One component, neutral, moisture curing, high cohesive, structural adhesive-sealants based on **MS Polymer™**. **MS TECHNO SCREEN** is expressly suitable for fast structural bonding and sealing of windscreens and windows in the vehicle production and reconditioning industry.

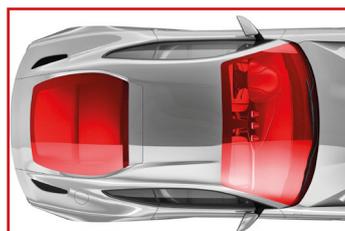
## PRODUCT CHARACTERISTICS

**MS TECHNO SCREEN** has all the special characteristics of **MS Polymer™** technology:

- Solventless and isocyanates free.
- Virtually no shrinkage.
- Flexible at low (- 40°C) and high (+ 120°C) temperatures.
- Neutral reaction, odourless.
- Excellent resistance to ageing and UV rays.
- Rapid curing: bonding parts can be handled a few hours after assembly.
- Excellent primerless adhesion on windscreens and on a wide range of materials commonly used in vehicle body shops and shipyards, such as zinc coated sheets, aluminium, fiberglass, stainless steel, painted surfaces.

## USES (professional)

- For windscreen and windows installation in the production of boats, rail and tram vehicles, caravans and camper vans, refrigerated vehicles, aircraft and aerospace components.
- For bonding steel panels , painted laminated plastic sheets, uPVC and other plastics on on to metal frames.
- For bonding overlaps between metal sheets, metal to metal or other substrates when it is not possible to perform welding or other mechanical fasteners.



## LIMITATIONS

- Applications in water continuous immersion have to be double checked with Fratelli Zucchini S.p.A. Technical Area.
- Not suitable for joints in swimming pools and adjacent areas that are in continuous contact with pool water.
- It must not be used for items that come in contact with food, or with materials that ooze oily substances or plasticisers.
- Furthermore, it must not be applied in completely enclosed spaces, with no exposure to atmospheric humidity.
- Non specific for sealing on to marble and natural stone, previous compatibility tests are always recommended.
- Do not use in extreme temperature conditions, or on damp, frozen, contaminated surfaces.
- Do not use on excessively acidic or basic substrates.
- Not to be used in contact with natural copper.

## TECHNICAL DATA

Polymers and curing system:	MS Polymer, alcoxy
Consistency:	Pasty
Application temperature:	+5°C / +35°C
Specific gravity:	1,5 kg/dm <sup>3</sup>
Shore A Hardness:	65
E-modulus (10%):	4,5 MPa
100% Modulus (DIN 53504):	2 MPa
Maximum tensile strength (DIN 53504):	4 MPa
Elongation at break (DIN 53504):	400%
Tear resistance (ASTM D 624-73):	28 N/mm
Skin formation time (20°C 50% R.H.):	15 min. approx.
Curing time (20°C 50% U.R.):	3 mm. / 24 hours

Values given in this table must not be considered as specifications.



# MS TECHNO SCREEN

## METHOD OF USE

**Surface preparation:** MS TECHNO SCREEN can be primerless applied onto ceramic coated glass, painted metals and onto cleaned and degreased unpainted metals.

For a perfect cleaning of the bonding surfaces, see the following specific instructions:

- **Ceramic coated glass, coated metal sheet and aluminium:** it is necessary a preliminary cleaning with **E-CLEANER**.
- In case of special temperture range, humidity and working load conditions, it is recommended a cleaning treatment with **Primer WP** or **Primer 13**, using a proper buffer.
- **Ceramic coated/screen-printed glass:** it is required a preliminary cleaning with **E-CLEANER**.
- **Glass without ceramic coating:** it is necessary a preliminary treatment with **PRIMER G** or **GX**, at least 30 minutes before the sealant application, using a suitable felt pad.
- **GRP:** it is necessary a cleaning treatment with **ST/121**. If required, apply a preliminary medium-fine sanding.

**In case of windscreen replacement,** completely remove the old adhesive before continuing the above explained surface preparation. If necessary, it is possible to trim back the remaining adhesive leaving a 1 mm. max. thick layer, without any further cleaning/treatment of the cut surface.

**Sealant application:** apply a bead of sealant either to the glass or to the aperture, then place the windscreen in its exact position within 10 - 15 minutes.

In case **MS TECHNO SCREEN** is applied as joint filler, remove the exceeding product by spatula, spray the surface with plenty of **Z.TEX CLEANER** or soapy water and then smooth the sealant.

**Cleaning:** dirty tools can be solvent wiped with **Solvente ST/512**.  
After curing **MS TECHNO SCREEN** can be removed only mechanically.

**Notes:** when using the product in cartridge, the **L/6** pneumatic gun with telescopic piston or the **L/Power** electrical gun are recommended. Application of the product may be difficult with the use of manual or traditional guns.

## SAFETY AND HEALTH

See Safety Data Sheet.

## STORAGE STABILITY

- 290 ml. cartridge 12 months from the date of manufacture.
- 600 ml bag. 12 months from the date of manufacture.
- 25 kg drum 9 months from the date of manufacture.

Store the sealed product in the original packaging, in a dry place at a temperature between +5°C and +25°C.

**The product may become more viscose during storage.**

## PACKAGING

Colour	Packaging	pcs./box	UdV.
1004774	black	290 ml. cartridge	24
1004577	black	600 ml. sausage	12

\* Other sizes available on request.



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