TECH-MASTERS Trading GmbH
Perfektastraße 55, A-1230 Wien
Tel: +43 (0)1 / 867 29 07
office@tech-masters.com
www.tech-masters.eu

THSC

TECHNO SCREEN MS

SINGLE COMPONENT ADHESIVE

- based on MS Polymer
- excellent adhesion without primer
- solvents, isocyanate and silicone free
- high absorption of accoustic vibrations
- excelllent chemical resistance
- long shelf life – even after opening
- easy to remove from your hands
- environmentally friendly
- permanently elastic at temperatures between -40 and +120°C
- quick and even curing without bubble formation
- odorless
- EU-NCAP CERTIFICATION PSI-11-0160-009
- (EU-NCAP frontal impact sled test)

General Information

TECHNO SCREEN MS is an isocyanate-free, permanent flexible, moisture cured 1-component-sealant based on MS-polymer. Especially designed for windows/windscreens application with a high degree of strength, which polymerizes rapidly under the effect of atmospheric moisture. It respects even the strictest Health & Safety rules because it is environmentally friendly. Fast Processing Time: After bonding, the vehicle is drivable after just 1h - dependent on ambient temperature and humidity. Important: The vehicle should remain on a level surface for 24h.

Technical Information

Chemical base: 1-K Modified Silane Polymer (MS Polymer)
Colour: Black
Consistency: Pasteus, very good steadfastness
Shore A Hardness (DIN53505): appr. A65
Application temperature: from +5°C to +35°C
Temperature resistance: from -40°C to +120°C
Open time (+20°C / 50% rH): < 15 Min.
Skin formation time (+20°C / 50% rH): 10 Min.
Curing speed (+20°C / 50%rF): 3mm/24h
Change of volume - DIN52451: >3%
Green strength: appr. 1800 Pa (Physica Rheometer MC100)
Brake elongation (DIN 53504/ISO37): 225%
Tensile stress (100%; DIN53504): 21,4 kg/cm²
Tensile stress at break (DIN53504): 29,5 kg/cm²
Shear stress (DIN53283): 25,4 kg/cm²
Crack propagation strenght (DIN 53515): 13 N/mm²
E-Module at 10% Elongation (DIN53504): 43,8 kg/cm²
Electrical volume resistivity: 10^11 Ohm cm
Shelf life at 5-25°C (unopened): 12 Months
Keep cool and dry. Keep away from direct sunlight.

Application and Use

- PREPARATION: (glass and bodywork)
- Cut out the windscreen and remove excess adhesive residue on the car body with the FOLD SCRAPER to approx. 2 mm.
- Spray SAFE CLEAN onto a DRY CLOTH and degrease the adhesive areas on the new windscreen and on the car body. Wipe with a DRY CLOTH and allow to air for 10 minutes.
- Any paint damage to the car body must be repaired with SCREEN PRIMER BLACK and a WOOL WIPER or DRY CLOTH. Observe the airing time.
- APPLICATION of TECHNO SCREEN MS:
- Prepare the cartridge/bag by attaching the V-tip.
- Apply TECHNO SCREEN MS to the glass pane or body frame.
- The windscreen must be bonded and positioned within the open time (15 minutes).

Article nr	Name	Content	Shelf Life	Catalog
T204001	Safe Clean Aerosol 500ml	500ml	see imprint + 36 months	CLEANERS AND DEGREASERS
T570101	Techno Screen MS 290ml	290ml	see imprint + 12 months	ADHESIVES AND SEALANTS
T570102	Techno Screen MS 600ml	600ml	see imprint + 12 months	ADHESIVES AND SEALANTS
T570103	Techno Screen MS 400ml	400ml	see imprint + 12 months	ADHESIVES AND SEALANTS
T570105	Screen Primer black 30ml	30ml	see imprint + 12 months	ADHESIVES AND SEALANTS
T899125	Dry Cloth	125pcs./Box	-	TOOLS
Y390303	Glove GoGrip NI L	50 pcs.	-	HEALTH AND SAFETY
Y595140	Wool Wiper	10 pcs.	-	TOOLS
Y870010	Fold Scraper KIT	1pc.	-	TOOLS

Notice

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