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THSC

TECHNO SCREEN - MS

SINGEL COMPONENT ADHESIVE

- Excellent adhesion without primer!
- Solvents, isocyanate and silicone free!
- Long shelf life – even after opening!
- Easy to remove from your hands!
- Environmentally friendly!
- Odorless
- Based on MS Polymer
- EURO NCAP CERTIFICATION PSI-11-0160-009



GENERAL INFORMATION

TECHNO SCREEN is an isocyanate-free, permanent flexible, moisture cured 1-component Sealant based on MS polymer especially designed for Windows screen 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.
Euro NCAP Certification PSI-11-0160-009.(Euro Ncap frontal impact sled test).

TECHNICAL INFORMATION AND PACKAGING

Chemical base: 1-K Modified Silane Polymer (MS Polymer)
Colour: Black
Consistency: Pasteus, very good steadfastness
Shore Hardness (A)
– DIN53505 at +23°C / 50% rH:
Shore A57 (Thickness 6mm after 4 weeks)
Working temperature: from +5°C to +35°C
Temperature resistance: from -40°C to +90°C
Potlife at +23°C / 50% rH: < 15 Min.
Tack free time at +23°C / 50% rH: 15 Min.
Full through cure – DIN 50014
at +23°C / 50%rF: 3mm / 24 Std.
"Drive away time": 1 hour
Change of weight – DIN50014: 1% 14 days
Green strength: 600 Pa, electrical current measure MC100
Brake elongation – DIN 53504: 2,7 MPa
Pull Strenght – DIN 53504: 1,7 MPa
Lap Shear Strenght – DIN 5328: 2,5 MPa
Tear Propagation Strenght – DIN 53515: 16N/mm²
Torsion stiffness: 1,92 MPa (using a Poission ratio of 0,43)
Elongation – DIN53283: 180%
Module at 100% Elongation - DIN53504 S2
at 7 Days/ +23°C / 50%r: 2,3 MPa
Electrical volume resistivity: 10^11 Ohm cm
Shelf life at 4-22°C / 50% rH: 12 Months.
Keep cool and dry. Keep away from direct sunlight.

APPLICATION AND USE

- TECHNO SCREEN has been specially designed for bonding of fixed glass in automotive repair. It Allows a drive away time of 1 hour* in vehicles with or without airbag.
  *Providing the ambient temperature is at least 23°C and relative humidity 50%. At lower temperatures and humidities drive away time will be longer.
- GLASS PREPARATION: (New screen) Ensure that the surface of the glass is clean and dry. Use a clean dry cotton cloth, wet it, rub the surface of the glass to be treated, leaving a very thin film. Then clean the surface using Multifoam with a dry and clean cloth and allow to dry to a minimum of 3 minutes, the surface must be covered by the sealant within 30 minutes.

Article nr	Name	Content	Section
T570101	Techno Screen MS	290ml	ADHESIVES AND SEALANTS
T570102	Techno Screen MS	600ml	ADHESIVES AND SEALANTS
T570103	Techno Screen MS	400ml	ADHESIVES AND SEALANTS
T570104	Techno Screen Primer	250ml	ADHESIVES AND SEALANTS







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NOTICE

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