



BOSS® 240 HYBRID SEALANT

TECHNICAL DATA

Basis	Hybrid Polymer
Consistency	Stable paste
Curing System	Polymerisation through moisture
Density	1.47 g/ml
Skin formation time* (23°C/50% R.H.)	15 min
Curing speed * (23°C/50% R.H.)	>3 mm/24h
Tensile Strength** (ISO 37)	3.50 N/mm ²
Elongation at break** (ISO 37)	>250 %
Hardness Shore A points** (ISO 868)	62 ± 5
Elasticity modulus 100%** (ISO 37)	2.30 N/mm ²
Application temperature	5 - 40 °C
Temperature resistance**	-30 - 90 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

** This information relates to fully cured product.

Description

BOSS® 240 is a high quality, One – Component high performance hybrid adhesive designed for primer less adhesion to various types of substrates. It is a moisture cure system adhesive sealant & 'Non' bubbling when applied in high humidity or to moist substrates.

Properties

- High Initial Tack and end strength
- Primeless application
- High performance mechanical properties
- Flexible and Non – Sag
- Good Weather and UV resistance
- Eco friendly product

Application

- Installation and replacement of windscreen in vehicles
- Automotive body work

Packaging

Colour: Black

Packaging: 600 ml foil bag

Shelf life

At least 12 months in original, unopened packaging at a cool and dry storage place, between +5°C & +25°C.

Substrates

Substrates: Glass, metals, paintwork

Nature: The surfaces must be clean, free of dust, grease, oil and rust.

Surface preparation: The surfaces should be degreased before bonding them together. A preliminary adhesion test on every surface is recommended.

Application method

Installing a new glass: Degrease the surface and window. Apply BOSS® 240 in a triangular bead on the window or on the vehicle. Carefully position the glass, press lightly and attach any decorative trims.

Replacing an old glass: Remove any trim and cut out the old glass up to 1 to 2 mm from the frame. Take care not to damage the paint and treat the rust present. Repair damaged lacquer with primer or equivalent. Degrease the window and surface well. Apply BOSS® 240 in a triangular bead on the window or on the vehicle. Carefully put the window in place, press lightly and reassemble the trims.



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Application method: With manual- or pneumatic caulking gun.

Cleaning: Clean with White Spirit or Boss Surface Cleaner immediately after use (before curing).

Finishing: With a soapy solution or Boss Finishing Solution before skinning.

Repair: With the same material.

Chemical resistance

Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

Health and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Disclaimer: This technical data sheet replaces all previous versions. The directives contained within this documentation are the result of our experiments and experience, and have been submitted in good faith. Because of the diversity of the materials and substrates, in addition to the great number of possible applications that go beyond our control, we cannot accept any responsibility for the results obtained. Further, since the design, quality of the substrate, and processing conditions are beyond our control, no liability under this publication will be accepted. In every case, it's therefore recommended to carry out preliminary experiments. BOSS reserves the right to modify its products, without prior notice.

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