
SAFETECH SAFE CLEAR HYBRID ADHESIVE / SEALANT

DESCRIPTION

Bostik Safe Clear, is a solvent free, MS Polymer-based, super transparent, elastic construction adhesive / sealant

RECOMMENDED USES

- Bostik Safe Clear can be used as both an adhesive and a sealant.
 - It has excellent adhesion to most materials and is highly elastic (500%)
 - Suitable for interior or exterior use.
 - In construction industries
 - For adhering wood, metal, etc
 - Warning: Not to be used for natural or synthetic stone applications
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FEATURES & EVENTS

- Solvent-free
 - Permanently elastic
 - No primer needed (Trials suggested first)
 - Transparent and non yellowing
 - Low VOC (approx 12 grams / litre)
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PREPARATION OF SUBSTRATE

- The surface can be slightly moist but should be clean and sound. Primer is recommended for porous surfaces. (Bostik N-49 or Prep P)
- For sealant joints always use foam backer rod to avoid 3 sided adhesion.

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PROPERTIES

Colour	Transparent
Base	MS Polymer
Hardening System	with air humidity
Slump	< 2 mm
Extrusion speed	> 100 grams /min (4 Bar)
Approx Density	1.1
Skin Formation Time (+23°C / 50% RH)	Approx 15 min
Proper Curing Time (+23°C / 50% RH)	Approx 3 mm / 24 h
Volume Loss on cure	< 3%
Tensile Strength (2 mm Film)	Approx 3.5 N / mm ²
Elongation at break (2 mm Film)	Approx 500%
Shore A Hardness (4 weeks 23°C / 50% RH)	Approx 45
Max. movement %	±15 %
Heat Resistance	Between -40°C and +80°C
Application Temperature	Between +5°C and +40°C

LIMITATIONS

- Any bituminous or grease containing products and floors are incompatible. Bostik Safe Clear will not adhere to bitumen, asphalt or roofing felts.
 - Do not apply to frozen or very wet surfaces.
 - Painting over the sealant is best done with water based paints. Enamels will not dry over the curing sealant bead.
 - If in any doubt about the substrate a small test should be made first to determine suitability.
 - Many plastics are not consistent, performance on one material may not hold true for another.
 - Not recommended for joints with more than ±15% movement. Do not use for commercial high rise applications.
 - Not recommended for glazing applications.
 - Extreme exterior conditions of direct sunlight may cause some yellowing of unpainted beads.
 - The cured material is not resistant to solvents, oil, petrol and other chemicals and alkalis.
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APPLICATION

- Before the application, the tip of the cartridges is cut and a plastic nozzle is fixed.
 - The tip of the nozzle is cut according to the width of the surface and fixed to the cartridge.
 - Always use masking tape before applying sealant or primers into joints. Remove tape before sealant cures.
 - In case of adhering, apply Bostik Safe Clear on the surface in strips and points.
 - The materials should be combined as quickly as possible, preferably within 15 minutes (depending on the temperature and heat).
 - Press after making sure that the materials touch each other as desired. Use temporary supports for 24 hours.
 - The joints should be filled at one time and without gaps or interruption.
 - The opened packages should be consumed as quickly as possible.
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CLEANING

- Any contaminated areas and tools should be cleaned with white spirit or alcohol within 10 minutes.

- After cure only mechanical cleaning is possible.
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PACKAGING

375 Grams in plastic cartridges.

STORAGE

- Materials should be protected from water, frost and adverse heat.
 - The opened products should be consumed immediately.
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VERSION

2.1 5th August 2011