

TopSeal

Product Description

TopSeal is a high quality and professional adhesive based on hybrid technology which cures under influence of humidity to form a durable elastic rubber.

Benefits

- Durable and permanently elastic.
- Universal bonding and sealing for interior and exterior use.
- Fast curing. Wet in wet applicable.
- Resistant to UV, moisture and mold.
- Adheres perfectly without primer on most, even damp, surfaces.
- Neutral curing, almost odorless.
- Sandable and grindable after fully cured.
- Non corrosive to metals.
- High mechanical resistance strength and E-modulus.
- Absorbs acoustical and mechanical vibrations.

Applications

TopSeal is specially developed as a universal adhesive and sealant for use on many materials, such as stone, concrete glass, plasterboard, PU, PVC, hard plastics, enamel, ceramic, metals and wood.

Directions of Use

For bonding panels: Apply adhesive in vertical stripes with 10 – 20 cm between stripes. Do not apply in dots.

The use of 3mm double sided tape is recommended to support the adhesion during the first 24 hours to ensure the thickness of the adhesive is correct.

For Sealing applications: Apply an even bead along the area to be finished and smooth using a smoothing tool or soft scraper. Clean up with soapy solution before skin formation.

Allow to cure for 24 hours before use.

For further questions please contact our technical team.

Additional information

100% Modulus	DIN 53504 S2	167PSI
Application temperature		41°F to 104°F (5°C to 40°C)
Base		Hybrid
Application rate	Ø 6.3 bar/2.5mm	3.5–10.5oz (100–300g)
Curing time	±0.8–0.12in (2–3mm)	24 hours
Density	ISO 1183-1	1.63oz/fl oz (1.56g/ml)
Elongation at break	DIN 53504 S2	350%
Flow	ISO 7390	<0.08in (2mm)
Shore A hardness		50 Shore A
Skin formation	73°F(23°C)55%RH	10min
Joint movement		25%
Tensile strength	DIN 53504 S2	290 PSI
Temperature resistance		-40°F to 212°F (-40°C to 100°C)

Surface Preparations and Finishing

- Application temperature 41°F to 104°F (5°C to +40°C) —environment and substrate.
- Surfaces must be dry, clean and solid.

TopSeal

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, neoprene and bituminous substrates.
- Not suitable for continuous submersion in water.
- Not suitable for natural stone and mirrors.
- Not suitable for dilatation joints and glazing joints.
- Not suitable in combination with chlorides (pools).
- With prolonged UV radiation products can discolor and become less UV stable.

Paintability

TopSeal is paintable with water based and most 2 component paints. Synthetic paints can dry more slowly. It is recommended to test compatibility with paint prior to application. When Colorjoint is painted over (not necessary) we recommend sanding the sealant and junction surfaces using Scotch-Brite. For an optimal result we recommend to paint within a few days of application.

Cleaning

- Uncured material and tools can be cleaned by using a cleaner.
- Cured material can only be mechanically removed.
- Hands can be cleaned with wipes.

Shelf Life

In unopened original packaging between +41°F and 77°F (5°C and 25°C), shelf-life till 24 months after production date, stored in a dry place.

Color(s)

Various

Packaging

290ml cartridge

Health & Safety

- Keep in a cool well-ventilated area away from sources of ignition.
- Keep away from children at all times.
- Keep containers sealed.
- Use in a well-ventilated area.
- Avoid contact with skin and eyes

For further information, please read the product SDS.

Note: The data, information and values contained in this Technical Data Sheet have been obtained by conducting various tests in a controlled laboratory environment, and should be used for guidance purposes only. Although we believe them to be reliable and accurate, users should always conduct their own tests in their specific working conditions to ensure that the product is suitable and effective for use. It is the user's sole responsibility to determine the suitability of the product for the application. IPS Adhesives Inc. cannot be held responsible for the results of procedures undertaken elsewhere, nor for the safeguarding of personnel or property, all of which is the duty of the user. Suitability of products or methods is discretionary. Therefore, warranties or implied usage obligations should not be attributed to and are not the responsibility of IPS Adhesives Inc. IPS Adhesives Inc. are not liable for any financial loss or other damages incurred by the user as a result of the use of this product.