

Everlastic® Wide Joint Seal

The Everlastic wide joint seal is a factory cured concave strip of silicone sealant adhered to a rectangular strip of polyester polyurethane backer. The product is designed for sealing vertical and horizontal expansion joints that measure 1-1/2" or greater.

CONTACT US

P: 800.521.9594 or
248.643.6400

E: wilpro@williamsproducts.net

Features

- Long-lasting life due to not being affected by ozone or ultraviolet rays. Has excellent stability in regards to movement capability and modulus.
- Movement capability of plus or minus 50%.
- Aesthetics allow for larger joint design, which in return reduces stress on the bond line. This increases the chances of a successful sealant installation.
- Primerless adhesion to a variety of substrates, including masonry and concrete. No staining.
- Easy to install. No anchoring systems, mechanical fasteners, cutting of substrates or waiting for expansion to accrue.
- Caulking the reveals on each of the cured sealants makes it necessary to fill to full depth – no “cheating” on the amount of sealant placed.
- Placed on the joint, not over as a bandage.

Typical Performance Characteristics

| TEST METHODS | PROPERTY | TYPICAL VALUES |
|--|--------------------|-------------------|
| Uncured Sealant | | |
| Skin Formation (Touch) | Tooling Time | 8-10 minutes |
| ASTM C879 | Tack Free Time | Less than 2 hours |
| ASTM D2202 (Full) | Sag | 0-0.8mm (0-0.3") |
| Cure rate for 6mm (1/4") bead at 23°C (73°F) +50% R.H. | Cure through | 7-14 days |
| Cured Sealant | | |
| ASTM C661 | Hardness (Shore A) | 35-40 |
| ASTM C624 | Tear Strength | 6.9k N/M |
| ASTM D412 | 100% Modulus | 1.03MPa (150 psi) |

| TEST METHODS | PROPERTY | TYPICAL VALUES |
|--|--|-------------------------------------|
| ASTM C1135 Bead 3/8" x 1/2", cured for 6wks @ 23°C (73°F) and 50% R.H. pulled at 0.05"/min | Tensile Strength | 0.69 – 0.90 Mpa |
| ASTM C794 | Peel Strength (glass, aluminum, mortar) | 2.28-2.63 kN/M 13-15 pli |
| ASTM C719 | Movement | 25% |
| Bead of sealant cycled @ 3mm 1/8" per hour after 28 days cure @ 23°C (73°F) and 50% R.H. | Movement | 50% |