

DURO-SHIELD® SILICONE BRUSH-GRADE SEALANT

DESCRIPTION:

Duro-Shield® Silicone Brush-Grade Sealant ("Brush-Grade Sealant") is a high-solids, non-shrinking, moisture-curing silicone sealant for filling and patching cracks and voids on various substrates prior to application of Duro-Shield silicone primer and coating.

Duro-Shield Silicone Brush-Grade Sealant has excellent adhesion to concrete, masonry, polyurethane foam, PVC, EPDM, aged acrylic coatings, granular cap sheet, wood and metal.

- Minimal odor
- No solvents

ORDERING:

Refer to Application step 5 for approximate coverage rates.

Refer to the appropriate Duro-Shield coating installation guide located on the [Duro-Last® website](http://duro-last.com) for additional application guidelines.

Brush-Grade Sealant is available in the following options:

- 10-ounce (283.5-g) tubes (Item #4255)
- 1-gallon (3.8-L) pails (Item #4253)
- 3.5-gallon (13.2-L) pails (Item #4254)

STORAGE AND HANDLING

- Store product out of direct sunlight, tightly closed in a dry, cool, and well-ventilated place.

Shelf Life

Shelf life of 2 years from the date of manufacture in an unopened container, when following these recommended storage procedures.

- Example: 040218024
- Date of Manufacture: 04/02/2018 Batch: 024

PRECAUTIONS:

- **KEEP AWAY FROM CHILDREN.**
- Do **not** expose closed containers to extreme heat.
- Use **only** in well ventilated areas.
- Read Safety Data Sheets (SDS) prior to using. SDS can be found on the [Duro-Last® website](http://duro-last.com).
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.
- Avoid breathing vapors.
- Keep container closed when not in use.



SPECIFICATIONS:

- ASTM C 920, Type S, Grade NS, Class 25, Use NT, T, M, G, A and O.
- Federal Specification TT-S-00230c, Class A, Type II, Class B
- Canadian Standards Board CAN 19, 13-M82

DURO-SHIELD SILICONE BRUSH-GRADE SEALANT PROPERTIES		
	Test Method	Results
Weight	ASTM D 1475	10 lb/gal (0.12 kg/L)
Color	—	White
Slump	ASTM C 693	No sag
VOC Content	EPA 24	0.08 lb/gal (10 g/L)
Viscosity	ASTM D 2196	700,000 cps
Solids by Weight	ASTM D 1644	98%
Solids by Volume	ASTM D 2697	97%
Hardness – Shore A	ASTM C 661	26
Tensile Strength	ASTM D 2370	200 psi (1.4 MPa)
Elongation	ASTM D 2370	500%
Movement	ASTM C 719	+/- 25%
Flash Point	ASTM D 56	None
Skin Time	—	10 minutes
Tack Free	ASTM C 679	1 hour

INSTALLATION:

Labor & Material Warranties are available. Please contact your Duro-Last Representative for requirements.

1. General

- Application below 32° F (0° C) is possible, however curing will not begin until the temperature is above freezing.

2. Substrate Preparation

- Repair the substrate, if necessary, by following *Substrate Preparation* instructions within the Duro-Shield Silicone Roof Coating Installation Guide found on the [Duro-Last website](#).

3. Substrate Cleaning Procedures

- Apply to surfaces which are clean, **COMPLETELY DRY**, and free of oil, mildew, grease, or any other contaminants. Follow *Cleaning Procedures* within the Duro-Shield Silicone Roof Coating Installation Guide found on the [Duro-Last website](#).

4. Seam Treatment

- Joint dimensions should not exceed 1 x 5/8 in. (25 x 16 mm) deep.
- Use polyethylene backing rod for depths exceeding 5/8 in. (16 mm)
- Use a putty knife or trowel to apply product to cracks and voids.
- Refillable caulking guns may also be used to apply the product.
- If re-coating is needed, wait 1 hour for first coat to dry.
- Allow to dry for 24 hours.

5. Coverage Rates

- Approximate coverage rates are 25 ft²/gal (0.6 m²/L) when troweled or 18 – 20 LF/tube (5.5 – 6.1 LM/tube) when dispensed with a caulk gun.

CLEANUP:

- Uncured product may be removed with virgin mineral spirits.
- Application equipment should be cleaned immediately after use with virgin mineral spirits.
- **DO NOT USE WATER OR RECLAIMED SOLVENTS.**