

# DURO-STOP™ NON-SKINNING SEALANT

## WATER CUT-OFF MASTIC

**DESCRIPTION:**

Duro-Stop™ Non-Skinning Sealant ("Duro-Stop") is a non-drying sealant based on a unique elastomer that provides a non-stringy consistency and excellent resistance to severe environmental conditions of heat, cold, and moisture. It has excellent water cut-off characteristics when used as a sealant behind all Duro-Last® PVC and Duro-TECH™ TPO non-fleece membranes.

**ORDERING:**

Duro-Stop is supplied in 10.1-fluid ounce (298.7-mL) cartridges and can be ordered individually or in cases of 30. One cartridge will cover approximately 18 – 20 linear feet (5.5 – 6.1 m).

- 10.1-fluid ounce (298.7-mL) cartridge (Item #11029)

**STORAGE AND HANDLING:**

- Always store in a dry location protected from the elements.

**SHELF LIFE:**

- Duro-Stop has an 18-month shelf life from the date of manufacture printed on the cartridge when stored at or below 90° F (32.2° C).

**PRECAUTIONS:**

- **KEEP AWAY FROM CHILDREN.**
- Read Safety Data Sheets (SDS) prior to using.
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.
- Avoid eye contact. On contact, uncured sealant could cause irritation to the eyes. In case of eye contact, flush eyes with warm water for 15 minutes, call a physician.
- Avoid skin contact. On contact, uncured sealant could cause irritation to the skin. In case of skin contact, remove sealant with a paper towel.
- Do not ingest. If swallowed, do not induce vomiting, call a physician.
- This product is manufactured for industrial use only.

**INSTALLATION:**

1. General
  - a. Do **not** apply to surfaces that bleed oils or solvents.
  - b. This product is **not** intended for use as a caulk, although, certain cases might expose it to UV.
  - c. Apply to clean, dry surfaces free of contaminants (oils, greases, coatings, etc.) that can adversely affect adhesion.
  - d. Sealant may be applied below freezing temperatures.
2. Apply using a standard caulking gun. Do not open the cartridge until you are ready to apply the sealant.
3. Apply the sealant creating a consistent backseal for the membrane.
4. The product does not skin over. It will remain permanently soft and tacky.



DURO-STOP PROPERTIES		
	Test Method	Results
Color	–	Off white
VOC	–	1.6 lb/gal (190.5 g/L)
Extrudability	ASTM D2452	30 – 50 seconds per 0.7 oz (19.8 g) through a 0.1-in. (3-mm) orifice at 50 psi (.345 MPa)
Total Solids by Weight	ASTM C681	85%
Volume Shrinkage	ASTM D2453	< 15%
Weight per Tube	ASTM D1475	0.8 lb (0.36 kg)
Drying Time	–	Non-skinning, remains permanently soft and tacky
Flexibility	ASTM C711	No loss of adhesion at -60° F (-51° C)
Service Temperature Range	–	-60° – 200° F (-51° – 93° C)
Application Temperature Range	–	10° – 120° F (-12° – 49° C)
Sag	ASTM D2202 Full Button	0.2 in. (5 mm), max
Resistance to fungus/mildew growth	–	Will resist fungal attack and not support mildew growth
Heat Aging	–	No loss of surface tack or adhesion
Weatherability	ASTM G154 1,000 hours QUV exposure	No cracking, bleeding, or loss of rubbery characteristics
ASTM Static Water Pressure Head Test	–	Sealant passes 6 in. (152 mm) of static water pressure head, no water leakage
Flash Point	ASTM D56	110° F (43.3° C)
Toxicity	–	Contains no carcinogenic ingredients. Dispose of in accordance with local regulations.