

PRODUCT INFORMATION

Seal-Tek 800 is a single-component, high-tensile aliphatic mastic.

RECOMMENDED USES: Seal-Tek 800 is designed for indoor or outdoor use and is designed for use in conjunction with the Roof-Tek® roofing systems. Other uses include:

- Sash to Masonry
- Metal Roof Seams
- Vent Sealer
- Flashings & Detail Finishing

PRODUCT CHARACTERISTICS

FINISH: Eggshell

COLOR: White or gray

SOLIDS BY WEIGHT: 70%

VOLUME SOLIDS: 61%

VISCOSITY: >100,000 cps

WEIGHT PER GALLON: 12.67 lbs./gal.

VOC (EPA METHOD 24): <50 Grams/Liter

RECOMMENDED SPREAD RATE: 75 sq. ft. / gal. per coat

DRYING SCHEDULE: At 75 sq. ft. / gal.

	50°F	70°F	110°F
To Touch	60 min.	45 min.	30 min.
To Recoat	4 hrs.	3 hrs.	2 hrs.
To Cure	7 days	5 days	3 days

Drying time is temperature, humidity, and film thickness dependent. DO NOT APPLY if Seal-Tek 800 cannot cure prior to exposure to freezing temperatures, rain or heavy dew.

FLAMMABILITY: N/A

SHELF LIFE: 12 months, unopened at 77°F

CLEANUP: Water

PHYSICAL PROPERTIES

PHYSICAL PROPERTY	TYPICAL VALUE	ASTM TEST METHOD
Adhesion-in-Peel:	10 lbs.	(ASTM C-794)
Tensile Strength:	200 lbs.	(ASTM D-412)
Elongation:	300 %	(ASTM D-412)
Shore A Hardness (inst-5 sec.):	25 ± 5	(ASTM C-661)
Weight Loss:	8% max.	(ASTM C-792)
Weep & Sag:	None	(ASTM C-639)
Tack-Free Time:	4 hrs.	(ASTM C-679)
Accelerated Weathering Tests (QUV):	No Change	6000 hrs.
EMMAQUA (Accelerated Desert Exposure Test):	Excellent	2 yrs.
Staining:	None	(ASTM C-510)
Service Temperature:	-20°F to 180°F	
Application Temperature:	+45°F to 110°F	
Shelf Life @ 75°F / 50% RH (Unopened containers)	12 Months	

STORAGE CONDITIONS: This water-based product must not be applied or stored in freezing conditions. Product will freeze and become unusable at temperatures below 32°F (0°C).

Protect material from prolonged exposure to direct sunlight when temperatures exceed 95°F.

ORDERING INFORMATION

This product is available in 5-gallon (18.9 Liter) pails, and in 55-gallon (208.2 Liter) drums.

COLOR: White, Lt. Grey. Contact ARS for availability, lead times, and pricing for special colors

SHIPPING INFORMATION

Container Size	Class
5 Gal (18.9 Liter)	55
55 Gal (208.2 Liter)	55

DOT Shipping Information: Sealant Caulk, Not-Regulated

HMIS® RATING:

Health 1, Flammability 0, Reactivity 0, Protection X
 0= Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

PREPARATION:

Do Not Thin

- All surfaces must be dry and free from dirt, dust, grease, oil, pollution fallout and any other contaminants that may interfere with proper adhesion. Any primers that are to be utilized on the roof surface should be applied prior to the application of any Seal-Tek 800.
- Seal-Tek 800 is supplied in a non-sag consistency that will gun easily with conventional caulking equipment.
- Fill the joint completely and tool immediately to ensure full contact with the interfaces of the joint.
- All seams must first be checked to assure that there is no more than 1/8" deflections when pressure is applied below the seam. Add additional fasteners as necessary to minimize panel deflection.
- A stiff-bristle brush should be utilized for working the sealant into seams, cracks and alligatored areas.

CURING:

- Cure time will vary with temperature and humidity. At 75°F and 50% RH, a surface skin will form within 4 hours with full cure in 5-7 days, depending upon depth.
Late afternoon application is not recommended if high humidity conditions exist, that could cause high moisture concentration on the surface overnight.
- The cure rate is reduced at lower temperatures and less humidity. Allow to cure fully before covering with any Roof-Tek® urethane product.
- **DO NOT APPLY** if Seal-Tek 800 cannot cure prior to exposure to freezing temperatures, rain or heavy dew

CLEANUP INSTRUCTIONS

Clean tools and hands immediately after use with soap and warm water.

SAFETY PRECAUTIONS

This product is designed for professional installation. Caution should be exercised to prevent mishap due to improper handling. Any installation equipment employed for application should be designed for high-pressure use. The use of an appropriate MESA/NIOSH approved respirator during application is important. We also recommend the use of fabric coveralls and neoprene or other resistant gloves. Installers should use caution when walking at height during application processes to avoid falls caused by slipping on wet coating. Installers should read and understand all technical and informational literature on this product, including the Material Safety Data Sheet, prior to using this product.

Published technical data and instructions are subject to change without notice. Contact your Accella Roofing Solutions representative for additional technical data and instructions.

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Accella Roofing Solutions (ARS) to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by ARS. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY ARS EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.