

RepSeal™ AC

Asphalt and Concrete Joint Sealant

DESCRIPTION:

RepSeal AC is a high performance, self-leveling, interior, or exterior joint sealant for use in asphalt or concrete moving and non-moving joints or crack filling applications in severe roadway exposure. **RepSeal AC** provides a long-lasting flexible weather tight seal and may be applied to clean damp surfaces without risk of gassing or bubbling. It is a self-leveling, self-curing, non-priming sealant. With its superior physical properties, it is and can be used in lieu of hot pour joint sealants.

FEATURES:

- No expensive equipment needed
- No hot kettle required- no danger of burns
- No equipment maintenance, fires, etc.
- User-friendly/ Easy cleanup.
- Allows smaller, non-specialized crews
- Reduced installation costs.
- Can be applied to damp cracks
- Saves time ...no need for joints to fully dry
- Guns or Pours directly from container
- VOC compliant & Environmentally safe

USES:

RepSeal AC should be used in any application where superior performance is a necessity or where a hot-applied product is either too dangerous or impractical.

RepSeal AC is ideal for small-, medium-, or large-scale sealing projects on parking lots, highways, street maintenance, driveways, and airport aprons and runways. **RepSeal AC** offers excellent bonding properties, high resiliency, and resistance to weathering.

RepSeal AC provides a soft, flexible sealer for either concrete or asphalt pavement repairs. It remains pliable and will not track in warm weather or become brittle and crack in cold.

TECHNICAL DATA:

ASTM C 920, Type S, Grade NS, Class 25;
Fed Spec TT-S- 00230c, Class A, Type II;
ASTM D 1850.
Federal Specification SS-S-158 A

PREPARATION:

Concrete and masonry substrates shall be cured prior to the application of the sealant. The concrete must be sound and free of all foreign material, including oil, grease, dust, laitance, or other surface contaminants. For best adhesion, concrete surfaces require a light sandpaper finish equal to or greater than an ICRI CSP #1-3. Surface preparation may be completed with the use of **TTM PrepEtch** biodegradable profiler etcher.

COVERAGE GUIDE:

Use sealant chart on page 2.

MIXING:

RepSeal AC is a one-component, ready-to-use material that requires no mixing.

PLACEMENT:

Apply when temperatures are above 40 degrees F. When all the joint preparation is complete, cut the plastic nozzle at a 45-degree angle to approximately the size of the joint opening. Begin gunning to fill the joint from the top to bottom, ensuring there are no voids or air pockets. Dry tooling is recommended to create a strong mechanical bond against the joint faces. **RepSeal AC** can be painted after 24 hours. **RepSeal AC** can be used in vertical or overhead working conditions.

CURING/DRY TIME:

RepSeal AC typically skins over within 15-45 minutes and cures through in 3 to 7 days depending upon temperature, humidity, and thickness. Lower temperatures and humidity prolong cure time. Higher temperatures accelerate cure time.

CLEAN UP:

Tools and Equipment: Clean before the sealant sets with **RepSolv X** or Xylene.

PHYSICALS:

Viscosity (Caulk) ASTM D 1296	30,000 cps
Solids by Weight ASTM D 1644	72%
Solids by Volume ASTM D 2697	67%
Weight Per Gallon ASTM D 1147	8.5 lbs.
Tensile Strength ASTM D 2370	700 psi
Elongation ASTM D 2370	600 %
Movement ASTM C 719	+/- 25%
Skin Time ASTM C 679	120 Min
Tack Free ASTM C 679	6 Hours
Flash Point ASTM D 56	103°F (39°C)
VOC EPA 72%	< 300 g/l

PACKAGING:

28 oz. (828 ml) Cartridges, 12/case, 48 cases/pallet
3 Gallon Pails

COLOR:

Black

STORAGE:

The material should be stored between 40°-95°F (5°-35°C) in a cool, dry area away from direct sunlight.

SHELF LIFE:

One year from the date of manufacture. High temperatures and high humidity during storage will shorten the product's shelf life.

CAUTION:

READ SDS PRIOR TO USING PRODUCT.

Keep out of the reach of children. Do not take internally. In case of ingestion, seek medical help immediately. May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed. If eye contact occurs, flush immediately with clean water and seek medical help as needed. Dispose of waste material in accordance with federal, state and local requirements. Cured Resins are Innocuous.

WARRANTY:

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either **TuffTex Materials, Inc.** or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.

DISCLAIMER:

Refer to the SDS sheet before use. The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of **TuffTex Materials, Inc.** Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Published technical data and instructions are subject to change without notice. Contact your local **TuffTex Materials, Inc.** distributor or technical representative for additional technical data and instructions.

Joint Sealant Coverage Chart (linear feet per gallon)

		Width of Joint (in.)										
		1/4	3/8	1/2	5/8	3/4	7/8	1	1.25	1.5	1.75	2
Depth of Joint (in.)	3/16	411	275	205	164							
	1/4	307	205	154	123	103	88	77	62	51	44	38
	3/8			103	82	68	59	51	41	34	29	26
	1/2			77	62	51	44	39	31	26	22	19
	5/8								25	21	18	15
	3/4								21	17	15	13

