

Soudacryl Acoustical Smoke & Sound

Revision: 06/17/22

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Technical Data:

Base	Acrylic latex	
Sag	No sag in vertical displ. @120°F	ASTM C 639
STC Rating	53 (Sound Transmission Class)	
Curing system	Moisture evaporation	
Tooling time (*)	+/- 15 minutes	@ 75°F & 50% relative humidity
Tack-free time (*)	30 minutes	ASTM D 2377-84
% Non-volatile	80%	
Shrinkage	30%	ASTM C 733-87
pH	7.5 – 8.5	
Movement capability	Moderate joint movement	
Service temperature range	-20°F to +185°F	
Application temperature range	+40°F to +110°F	
Shelf life	12 months	Stored between 41°F & 77°F
VOC	Non-Reactive	10 g/L

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates. Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Product:

Soudacryl Acoustical is a one-part acrylic latex sealant designed for both interior and exterior use. Soudacryl Acoustical should only be used where moderate joint movement is anticipated. Soudacryl Acoustical will achieve a STC of 53 when applied as two beads of sealant at the top, bottom and all perimeter edges per ASTM C919.

Characteristics:

- Permanent color
- Paintable
- UV resistant
- Non-yellowing
- Very good adhesion on many materials
- Very easy application

Applications:

- Building and construction joints
- Sealing around baseboards
- Sealing around trim
- Window and door joints
- Smoke and sound sealant

Color:

White

Packaging:

- 29 fl. oz. Cartridges
- 20 fl oz. Sausages
- 5 Gallon pail

Surfaces:

Type: all usual building surfaces
State of surface: clean, dry, free of dust and grease
Preparation: No primer required for porous surfaces. The use of Soudal Surface Activator on smooth surfaces will improve the adhesion of Soudacryl Acoustical.

We recommend a preliminary compatibility test, especially on PVD and non-porous materials.

Joint Size:

Minimum width: 1/4"
 Maximum width: 1 3/16"
 Minimum Depth: 1/5"
 Recommendation: 2 x depth = width

Application:

Method: manual or pneumatic caulking gun
Finish: soapy water before skinning
Repair With: Soudacryl Acoustical
Clean Up: with water immediately after use

Remark: This information and all further technical advice are based on Soudal present knowledge and experience. However, Soudal assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, Soudal disclaims all WARRANTIES EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. Soudal SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. Soudal reserves the right to make any changes according to technological progress or further developments.

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Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between +40° F and +110° F. Storage in excessive heat and/or high humidity conditions may reduce shelf life up to 30%.

Remarks:

- Not recommended for continuous water immersion or vehicular or foot traffic.
- Allow a minimum of 2 hours dry time before painting with latex or oil base paint.

Specifications:

ASTM C834: ASTM C919-79: STC 53; ASTM E84: Flame Spread – 0; Smoke Developed - 0;

Health- and Safety Recommendation:

DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE AND THROAT. KEEP OUT OF REACH OF CHILDREN. Avoid skin and eye contact. On Contact, uncured sealant could cause irritation to skin and eyes. In case of eye contact, flush eyes with warm water for 15 minutes, call a physician. For skin contact, remove sealant with a paper towel. If swallowed, do not induce vomiting, call a physician. Soudacryl Acoustical is manufactured for professional use only. Refer to Safety Data Sheet (SDS) for further information.

Limited Warranty:

SODAL warrants product to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, SODAL MAKES NO WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and SODAL shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.

Product Replacement Policy:

After proper storage and application, if product fails within 20 years after installation, Soudal Accumetric, as its sole liability, will furnish replacement product or a refund with proof of purchase. This shall be Soudal Accumetric's sole obligation with regard to this product and Soudal Accumetric shall not be liable for any damages, including incidental or consequential damages. This is the sole and exclusive remedy and liability for defects or failure of this product.