AC-20® +Silicone

Non-Sag, Acrylic Latex Caulking Compound

PECORA CORPORATION

SPECIFICATION DATA SHEET

BASIC USES

- AC-20's is an excellent sealant for caulking interior concrete joints, hollow core ceiling and floor planks, window and door frames, vinyl, aluminum, steel and plywood siding, sheetrock, baseboards and bathroom and kitchen fixtures.

  It may be used to grout marble and ceramic tile, repair mortar seams, and, under controlled conditions, to bed insulated glass units and storm windows.

MANUFACTURER

Pecora Corporation
165 Wambold Road
Harleysville, PA 19438
Phone: 215-723-6051
800-523-6688
Fax: 215-721-0286
Website: www.pecora.com

PRODUCT DESCRIPTION

AC-20 is a pure acrylic latex sealant for general purpose interior and exterior caulking in architectural applications where nominal movement is anticipated. Formulated with the highest quality ingredients including a silicone additive for greater adhesion and weatherability, AC-20 is completely compatible with premium-grade latex and oil paints and will not stain adjacent surfaces. AC-20 has superb color stability and resistance to ultraviolet rays, ozone and airborne contaminants. It is mildew resistant and has United States Department of Agriculture acceptance for use in meat and poultry processing plants. In addition to the substrates listed above, AC-20 is compatible with polystyrene, polyurethane, cork, foamed and fibrous glass and gypsum board.

LIMITATIONS:

- The sealant must be protected from water for 24 hours after application; do not caulk outdoors when rain is imminent.
- Windows must be properly weeped since entrapped water could cause reversion. Sealant must be given additional time to fully cure before windows are installed because of the closed-in conditions.
- Installed sealant shall not be subjected to repeated exposure of aggressive cleaning or disinfecting compounds.
- AC-20 is not recommended for use in engineered expansion joints including interior/exterior precast concrete panel joints experiencing greater than ±7.5% thermal joint movement. The Pecora Tilt-Seal High Performance Acrylic Latex Sealant is recommended for these applications.

PACKAGING

- 10.1 fl. oz. (.300 L) cartridges
- 5-gallon (18.9 L) pails
- 55-gallon (208 L) drums

The following packaging is available in Tru White only:

- 29 fl. oz. (.858L) cartridges
- 20 oz. (592 ml) sausages

COLOR

- Black, Ivory, Limestone, Brown, Bronze, Cedar, Almond, Tan, Beige-Grey, Tru-White and Aluminum Stone

TECHNICAL DATA

Applicable Standards: AC-20 meets or exceeds the requirements of ASTM C834 Specification For Latex Sealants.

Movement Capability: 7 ½% in extension, 7 ½% in compression (15%) when installed in properly designed joints within its range of thermal movement capabilities. Refer to Test Data Box below for further technical information.

Joint Design: The width of the joint should be approximately 12 times the anticipated movement and should fall within the range of ¼" (6 mm) to ¾" (19 mm). The depth of the joints should be ¼" (6 mm) minimum to ⅜" (9 mm) maximum.

INSTALLATION

Surface Preparation: Contact area must be clean, sound and free of contaminating substances such as oil, grease, asphalt, tar, etc. Priming is not generally required. Dampness but not saturation or standing water in porous substrates can be tolerated.

Joint Backing: Joints greater than ⅜" (9 mm) should be filled to within ⅜" (9 mm) of the surface with either polyethylene or polyurethane

TYPICAL PHYSICAL PROPERTIES at 77°F (25°C), 50% R.H.

Test Property	Value	Test Procedure
Adhesion Loss (%)	0.5	ASTM C736
Artificial Weathering		
Adhesion Loss (%)	1.0	ASTM C732
Cracking	None	ASTM C732
Discoloration	None	ASTM C732
Slump	None	ASTM C732
Wash-Out	None	ASTM C732
Elongation, Ultimate (%)	200	ASTM D412
Extrudability (g/sec)	9.8	ASTM C731
Low-Temperature Flexibility (pass/fail)	Pass	ASTM C734
100% Modulus (psi)	60-65	ASTM D412
Recovery (%)	90	ASTM C736
Slump (in)	< 0.05	ASTM D2202
Stain Index	1.1	ASTM D2203
Tack-free time pass/fail)	Pass	ASTM D2377
Tensile, Ultimate (psi)	80-90	ASTM D412
VOC Content (g/L)	22	ASTM D3960
Volume Shrinkage (%)	25-28	ASTM C733
VOC Emissions (TVOC)	Pass (All Exposure Scenarios)	CDPH v1.2-2017

Since Pecora Architectural Sealants are applied to varied substrates under diverse environmental conditions and construction situations it is recommended that substrate testing be conducted prior to application.

For the most up to date information, please visit our website at pecora.com.

AC-20® +Silicone

Non-Sag, Acrylic Latex Caulking Compound

PECORA CORPORATION

SPECIFICATION DATA SHEET

backer rod, preferrably of a nongassing, non-absorbing type. Use a diameter that will compress about 25% when installed. In joints too shallow to take backer rod, use a bond breaker tape to prevent three sided adhesion.

Application: Although the freezing point of AC-20 is considerably below 32˚ F (0˚C), and the sealant can withstand five freeze-thaw cycles, for best performance protect it from severe cold and apply above 40˚ F (4˚C) to lessen the possibility of frost in the joints. Fill joints completely and tool lightly to insure full contact to both sides of the joint and present a smooth surface. As with any waterborne product, the cure time is dependent on ambient conditions. Low temperatures or high humidity will extend cure time, while higher temperatures or low humidity will accelerate the cure.

Painting: Sealant may be painted 30-45 minutes after application with quality grades of latex or oil paints.

Cleaning: Water may be used to remove excess sealant from substrate and clean tools before cure; after cure, sealant must be removed with mechanical means.

Storage Life: One year when stored in unopened containers in dry areas below 80˚ F (26˚C)

Precautions: AC-20 is nonflammable, non-toxic, non-irritating and environmentally safe. However, do not take internally. Refer to our Safety Data Sheet(SDS) for additional information.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF THE REACH OF CHILDREN.

AVAILABILITY AND COST

Pecora products are available from stocking distributors nationwide. For the name and telephone number of your nearest representative, call the number below or visit our website at www.pecora.com.

WARRANTY

Pecora Corporation warrants its products to be free of defects. Under this warranty, we will provide, at no charge, replacement materials for, or refund the purchase price of, any product proven to be defective when used in strict accordance with our published recommendations and in applications considered by us as suitable for this product. The determination of eligibility for this warranty, or the choice of remedy available under this warranty, shall be made in our sole discretion and any decisions made by Pecora Corporation shall be final. This warranty is in lieu of any and all other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose and in no case will Pecora be liable for damages other than those expressly stated in this warranty, including but not limited to incidental or consequential damages.

MAINTENANCE

If the sealant is damaged and the bond is intact, cut out the damaged area and recaulk. No primer is necessary. If the bond has been affected, remove the sealant, clean and prepare the joint in accordance with instructions under "Installation."

TECHNICAL SERVICES

Pecora representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance call our Technical Service Department at 800-523-6688.

FILING SYSTEMS

CSI MasterFormat Designations:

- 07 92 00: Joint Sealants

165 Wambold Road, Harleysville, PA 19438 | 800.523.6688 | pecora.com

PECORA SEALANTS