

SpeedCove Technical Data Sheet

1. PRODUCT PROFILE

General Description

SpeedCove Systems are 1-inch, 4-inch, 6-inch and 8-inch high pre-formed impact-resistant cove base moldings made specifically for use with commercial, institutional, industrial, and residential resinous floor coatings. SpeedCove Systems form the correct shape and height around the perimeter of a room to meet health department requirements. When this cove base and floor area is coated it provides a uniform, smooth, seamless, and integral floor-to-wall junction that is waterproof and chemical-proof.

Common Use

Commercial, institutional, and industrial kitchens and bathrooms; food processing and storage; manufacturing facilities; hospitals and veterinarian clinics; pharmaceutical facilities; containment systems; laboratories; animal kennels or testing facilities; or anywhere a seamless sanitary floor with integral cove base is specified or required. For use with both utility & decorative floor finishes using epoxies, MMA's, polyurethanes, polyaspartics, polyureas, polyesters, cementitious overlays, and more.

Composition

SpeedCove is made from a polyester resin base with inert additives, cleaned with acetone. All pieces come in a neutral cream color. The face of the product has a 220 grit profile (mold skin has been removed) to increase adhesion.

Shelf Life

None

2. PRODUCT PERFORMANCE

SpeedCove is approved by the Environmental Health Department; has been used on hundreds of floors both nationwide and in Canada, including for the U.S. Forest Service, the U.S. Food & Drug Administration, the U.S. Army Corps of Engineers, and major universities. Material properties & engineered characteristics for the uncoated product are as follows:

ASTM Test Method	Description	Units	SpeedCove Plaque	SD*
D790-03	Flexural Strength	psi	124	30
D790-03	Flexural Modulus x 105	psi	0.03	0.01
D790-03	Flexural Elongation	%	7.34	1.23
D638-03	Tensile Strength	psi	867	69
D638-03	Tensile Modulus x 105	psi	0.12	0.01
D638-03	Tensile Elongation	%	51.44	10.68
D2583-95	Hardness, Barcol 935		0-10	----
D256-05	IZOD	Ft-Lbs.	2.18	0.17
D695-02a	Compression Strength	psi	6,297	289
D695-02a	Compression Modulus x 105	psi	0.19	0.01
E831-06	CLTE	in/(m·°C)	99.96	----
D570-98	Water Absorption		0.3737	0.0240

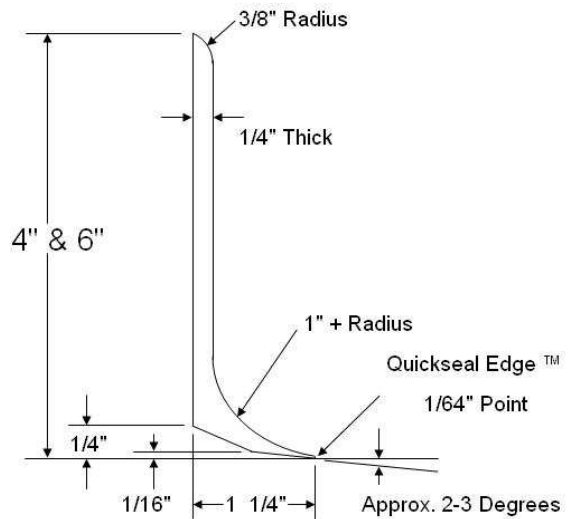
3. PHYSICAL CHARACTERISTICS

4", 6" and 8" tall Radius Cove Base (see drawing)

- Actual height: 4", 6" and 8"
- Cove radius: 1"+
- Base portion thickness: 1/4"
- Length: 48"
- Total distance out from wall: 1 1/4"
- Weight: approx. 0.70 lbs/ft and 0.95 lbs/ft
- Cove base: twelve 4' pieces/box, totaling 48'/box;
one 4" box = 32 lbs and one 6" box = 47 lbs

4", 6" and 8" Radius Cove Base Corners

- Actual height: 4"; 6" and 8"
- Cove radius: 1"+
- Base portion thickness: 1/4"
- Length: 10" (5" down each side of wall)
- Total distance out from wall: 1 1/4"
- Weight: approx. .60 lbs. / pc. and .90 lbs. / pc.
- Cove base corners: 12 pieces/box;
one 4" box = 8 lbs and one 6" box = 11 lbs



4. PROPERTIES OF ADHESIVE and JOINT PATCHING MATERIAL

Adhere SpeedCove to the wall and floor with a two-part epoxy or polyurethane material that is **thin, workable and can be applied by notch trowel**. This is most important, if material is too thick or expands cove base back off the wall, it cannot be used. Materials with various drying rates may be used to speed up installation time. **All adhesive should be tested for proper bond strength before use.**

Construction adhesives rated for non-porous substrates may also be used but must first be tested for proper bond strength. Urethane and polyurethane adhesives from a tube make a strong bond but must be thin & workable, may need to be kept warm to be pliable. They must also be tested for bubbling in moist areas for before coatings are applied, check with supplier or manufacturer about reaction to moisture. One quart of adhesive will adhere about 15' of 6" SpeedCove, or 20' of 4".

JOINT PATCHING: The same two-part epoxy or polyurethane patching materials may be used to fill joints and transitions, as long as they are slightly resilient, non-shrinking and sandable. Some installers even prefer using Bondo for the joints. All materials should be tested for bond strength & compatibility before use.

5. PRODUCT WARRANTY

Solid Rock Enterprises (SRE) warrants only that SpeedCove conforms to SRE's customary quality standards. If any SpeedCove product is defective SRE shall, at its sole discretion, replace the product or refund the original purchase price. That replacement or refund shall be the sole exclusive remedy. SRE makes no other warranties, express or implied. SRE specifically disclaims any implied warranty of merchantability or usefulness for a particular application. SRE does not warrant the installation of SpeedCove and does not cover damage or defects resulting from improper storage, shipping, handling, or installation. Complete warranty details are available upon request.