



# Surface-Shell™ Cove Base APPLICATION GUIDE

## POLYURETHANE MODIFIED CONCRETE FOR FORMING COVE BASES AND RENOVATING WALLS

### HOW TO APPLY

SEAL-KRETE Surface-Shell Systems should be installed by trained contractors.

### SURFACE PREP

The success or failure of any application depends on proper preparation of the substrate. SEAL-KRETE recommends a clean, sound substrate free of all surface contaminants.

### APPLICATION

1. Cove base should be installed prior to installation of SEAL-KRETE Surface-Shell HP and HP/Q. Tape out cove with duct tape or a good quality masking tape. Metal or plastic strips may be used.
2. Mix part A and B in a clean 5 gallon pail, then sift in Part C (24 lb aggregate) and add 0.42 lb of colorant while using a mechanical mixer. The materials are supplied in pre-measured containers.
3. Immediately pour mixed material out of bucket, in a bead, next to the wall. With a trowel, apply material by pressing trowel upwards at an angle. Do not worry about trowel marks at this time; just get mixed material applied to the wall.
4. Lightly mist cove trowel with xylene (in California use non-VOC equivalent solvent). This allows the trowel to smooth the surface of the cove.
5. Carefully remove tape and finish rough edges. Xylene will help smooth rough edges.
6. After SEAL-KRETE Surface-Shell Cove Base has been allowed to cure for a minimum of 4 hours at 77°F (25°C), then SEAL-KRETE Surface-Shell HP and HP/Q can be installed.
7. Apply pigmented or clear coat of SEAL-KRETE Poly-Shell 7000 or Epoxy-Shell 1000 over entire floor, including Cove Base to ensure uniformity.

### DRYING TIME

The floor can be returned to full service after 24 hours at 70°F (21°C) following the lock-coat or finish coat application. Do not expose SEAL-KRETE Surface-Shell Cove Base to any chemicals until fully cured (12 hours at 70°F [21°C]). In colder climates with temperatures below 50°F (10°C), it may take as long as 48 hours to reach full operational strength. Allow 7 days for full chemical cure of lock and finish coats.

### MAINTENANCE

Regular cleaning and maintenance will prolong the life of all polymer flooring systems, enhance their appearance, and reduce any tendency to retain dirt. SEAL-KRETE Surface-Shell will withstand high-pressure or hot water wash-downs (2,500 psi at 180°F [82°C]).

### FOR BEST PERFORMANCE

- Substrates must be structurally sound, clean, dry, and free of any foreign matter that could inhibit adhesion.
- Do not apply at temperatures below 50°F (10°C) or above 85°F (29°C) or if the relative humidity is above 85%.
- Do not apply directly to asphalt, or bitumen substrates, glazed tile or nonporous brick and tile, magnesite, copper, aluminum, and existing coatings. For optimal performance, apply directly to concrete. Consult with your SEAL-KRETE representative for advice.
- SEAL-KRETE Surface-Shell systems are designed for a two-step application. Variations in thickness will affect the system's thermal and impact resistance.