

FASTOP® MULTI COVE BASE SYSTEM

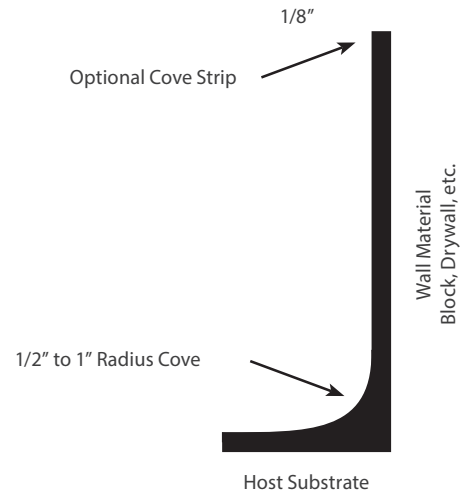
Sherwin-Williams FasTop Multi Cove Base System is a urethane concrete system designed as an integral part of the flooring system. The vertical portion can be installed to any height at 1/8" to 1/4" thickness.

BENEFITS

- Can be applied to "green" concrete
- Rapid return to service
- Water based
- Hot cooking oil and steam resistance
- Low temperature cure
- Will not lose bond due to thermal shock
- Impact resistant
- Moisture insensitive
- Acceptable for use in USDA/CFIA inspected facilities

RESISTANCE PROPERTIES

24 HOUR EXPOSURE @ 72°F	RESULT
NE= No Effect DD=Dulling/Discoloration	
Alcohol	NE
Ethylene Glycol	NE
Fats, Oils & Sugars	NE
Gasoline, Diesel & Kerosine	NE
Hydrochloric Acid (10%)	DD
Lactic Acid (Milk)	NE
Mineral Oils	NE
Most Organic Solvents	NE
Muriatic Acid	NE
Nitric Acid (10%)	DD
Nitric Acid (70%)	DD
PM Acetate	NE
Phosphoric Acid (25%)	DD
Potassium Hydroxide (<50%)	NE
Sodium Hydroxide (50%)	NE
Sulfuric Acid (25%)	NE
Water	NE
Xylene	NE



USES

- Food and beverage manufacturing and processing areas
- Commercial and institutional kitchens
- Dairies
- Troughs, trenches, equipment pads, pump bases

LIMITATIONS

- Protect material from freezing
- Thickness greater than 1/4" vertically must be applied in multiple lifts

TYPICAL PHYSICAL PROPERTIES

Color	Refer to color pack color card
Cure Time @ 70°F	Recoat 3-5 Hours Full Service 12 Hours
Abrasion Resistance ASTM D 4060, CS-17 Wheel, 1,000 cycles	29 mgs Lost
Hardness, Shore D ASTM D 2240	78
Tensile Strength ASTM C 307	812 psi
Compressive Strength ASTM C 579	>6,850 psi
Flexural Strength ASTM C 580	1,561 psi
Adhesion ACI 503R	362 psi Concrete Failure
Flammability	Self-Extinguishing over Concrete
Slip Resistance ASTM E303 DCOF	>0.70
Service Temperature at 3/16"	-50°F to 266°F
Water Absorption	Nil

INSTALLATION

The following information is to be used as a guideline for the installation of the FasTop Multi Cove Base System. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

SURFACE PREPARATION - GENERAL

Sherwin-Williams systems can be applied to a variety of substrates if the substrate is properly prepared. Preparation of surfaces other than concrete will depend on the type of substrate, such as drywall, wood, concrete, cement board, block, quarry tile, etc. Refer to Surface Preparation (Form G-1).

SURFACE PREPARATION - CONCRETE

Concrete surfaces shall be abrasive blasted to remove all surface contaminants and laitance. The prepared concrete shall have a surface profile equal to CSP 4-6. Refer to Form G-1. Consult the Sherwin-Williams Technical Service Department if oil or grease is present.

After initial preparation has occurred, inspect the concrete for bug holes, voids, fins and other imperfections. Protrusions shall be ground smooth while voids shall be filled with a Sherwin-Williams system filler. For recommendations, consult the Sherwin-Williams Technical Service Department.

LIMITATIONS

The substrate must be structurally sound, cleaned of any foreign matter that will inhibit adhesion.

Do not apply in temperatures below 40°F or above 80°F or when relative humidity is greater than 80%. If substrate is not concrete, drywall, cement board, block or wood, do not apply. Call the Sherwin-Williams Technical Service Department for recommendation.

- Protect material from freezing prior to installation.
- Do not featheredge.
- Do not mix partial units.
- Do not hand mix. Do not let mixed material sit in a bucket, even a 2-3 minute delay in pouring will reduce working time.
- Do not apply to cracked or unsound substrates.
- If patching, sloping, filling joints, etc. with any FasTop materials, allow the repair material to cure for a minimum of 4 hours before covering with SL23 or SL45.
- Do not install outside, call the Sherwin-Williams Technical Service Department.

Full chemical resistance is achieved after a seven (7) day cure. Consult the Sherwin-Williams Technical Service Department for specific chemical resistance.

If using without broadcast media, primer is required.

APPLICATION INFORMATION - SURFACE PREP PROFILE CSP 4-6

VOC MIXED	APPLICATION STEP	MATERIAL	MIXED RATIO	THEORETICAL COVERAGE PER COAT CONCRETE	PACKAGING
0 g/L	Primer	FasTop Multi T100	5.0 kg Mix (A+B) 11 lbs	10-15 mils	5.0 kgs 11 lbs
0<50 g/L 0	Cove Base	Quart A, Short-Filled Quart B, 30 lbs	1 Unit	20-33 linear ft @ 6" cove 1" radius 30 lbs	Aggregate sold only in 30 lbs bags

COVE BASE

MIXING AND APPLICATION

Cove base should be installed prior to the floor. Tape out cove with duct tape or a good quality masking tape. Metal or plastic strips may be used.

PRIMER

MIXING AND APPLICATION

Combine 2.5 kg of Part A with 11 lbs of T100 aggregate and mix until lump free. Add 2.5 kg Part B and mix until uniform. Apply immediately to vertical surface at 10-15 mils. Only proceed with Cove mortar once primer becomes tacky (est. 30 minutes).

COVE

MIXING AND APPLICATION

Do not mix partial units, the fine aggregate and pigment can and will separate. A drill and a paddle work the best, but a KOL mixer works well also.

Add 1.0 kg of Part A with 1 color pack and mix for one minute. Add 1.0 kg of Part B and mix for one minute.

Slowly add 30 lbs aggregate and mix until thoroughly wet out. Immediately pour mixed material out of bucket, in a bead, next to the wall. Rough apply cove mortar using a trowel. Do not worry about trowel marks at this time; just get all the mixed material applied to the wall. Material will need to be finished within approximately 20 minutes depending on temperature.

Placing a halogen light next to cove base will cast shadows and assist on finishing the cove base with minimal waves and/or trowel marks. Use a minimum of a 3/4" radius cove trowel and finish cove base. Any smaller may result in a loss of the radius once the floor is tied in. Lightly misting cove trowel with window cleaner, as a trowel lube, works well. Do not use isopropyl alcohol or denatured alcohol. Carefully remove tape and finish rough edges. Install floor once cove is hard to the touch, about 2 ½ to 3 hours.

REQUIRED TOOLS:

Drill, proper mixing paddle, 3" x 8" trowel works best to apply, margin trowel, and a radius cove trowel. Minimum of 3/4" but 1" is preferred.

CLEANUP

Clean up mixing and application equipment immediately after use. Use toluene or xylene. Observe all fire and health precautions when handling or storing solvents.

SAFETY

Refer to the SDS sheet before use. Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

MATERIAL STORAGE

Store materials in a temperature controlled environment (50°F to 90°F) and out of direct sunlight. Keep resins, hardeners and solvents separated from each other and away from sources of ignition.

MAINTENANCE

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Sherwin-Williams Technical Service Department.

DISCLAIMER

The information and recommendations set forth in this document are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams.

NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams High Performance Flooring delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.