

## FASTOP™ TOPCOAT QT

Sherwin-Williams FasTop Topcoat QT is a urethane cement texture coating designed to provide anti-slip properties to the FasTop family of floor systems and can serve as a stand-alone safety coating. The texture provided by FasTop Topcoat QT is far easier to clean than a full aggregate broadcast while maintaining urethane cement performance against thermal shock, chemical attack and abrasion. The texture can be varied in size and quantity to fit individual requirements, and is available in multiple colors for a decorative look.

### ADVANTAGES

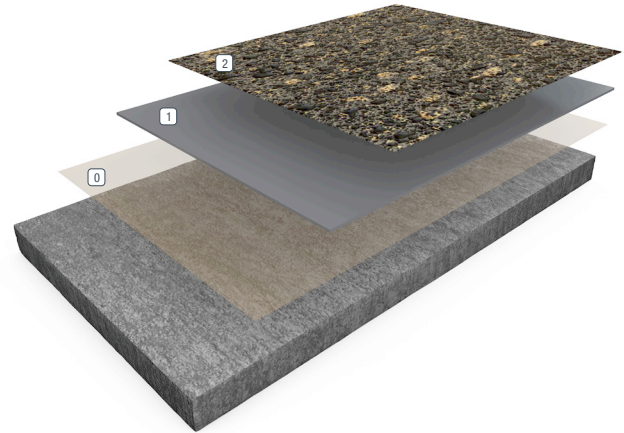
- Quick return to service
- Thermal shock
- Variable texture
- Multiple colors and patterns
- Moisture insensitive
- Low temperature cure
- Abrasion resistance
- Low sheen

### USES

- Food and beverage
- Manufacturing
- Commercial and institutional kitchens
- Ramps
- Non-skid coating

### CHEMICAL RESISTANCE

28 DAY EXPOSURE @ 72°F	RESULT
NE= No Effect	
Alcohol	NE
Ethylene Glycol	NE
Fats, Oils & Sugars	NE
Gasoline, Diesel & Kerosene	NE
Hydrochloric Acid (<35%)	Yellowing
Lactic Acid (Milk)	NE
Mineral Oils	NE
Most Organic Solvents	NE
Muriatic Acid	NE
Nitric Acid (<10%)	Yellowing
Nitric Acid (<30%)	Yellowing
PM Acetate	NE
Phosphoric Acid (<50%)	NE
Potassium Hydroxide (<50%)	NE
Sodium Hydroxide (<50%)	NE
Sulfuric Acid (<50%)	Yellowing
Water	NE
Xylene	NE



- ② FasTop QT Texture
- ① Base
- ① Primer (Optional)

### LIMITATIONS

- Protect material from freezing

### TYPICAL PHYSICAL PROPERTIES

<b>Color</b>	Red, Gray, Yellow or Neutral
<b>Cure Time</b>	Recoat 4 Hours Foot Traffic 4-6 Hours Full Service 12 Hours
<b>Abrasion Resistance</b> ASTM D 4060, CS-17 Wheel, 1,000 cycles Hardness, Shore D	20-30 mgs Lost
<b>Hardness, Shore D</b> ASTM D 2240	75
<b>Tensile Strength</b> ASTM C 307	550-600 psi
<b>Compressive Strength</b> ASTM C 579	>5,000 psi
<b>Flexural Strength</b> ASTM C 580	3,700 psi
<b>Adhesion</b> ACI 503R	300 psi Concrete Failure
<b>Impact Resistance</b> MIL-D-3134, Sec.4.7.3	Withstands 16 ft lbs. without cracking, delamination or chipping
<b>Flammability</b>	Self-Extinguishing over concrete
<b>Coefficient of Friction</b> ASTM D 2047	>0.80
<b>Critical Radiant Flux</b> ASTM E 648	>1.0
<b>Smoke Density</b> ASTM E 662	287-346
<b>Service Temperature at 3/16"</b>	-50°F - 300°F
<b>Shrinkage</b>	Nil
<b>Water Absorption</b>	Nil

## INSTALLATION

The following information is to be used as a guideline for the installation of the FasTop Topcoat QT. 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 wood, concrete block, quarry tile, etc. Should there be any questions regarding a specific substrate or condition, please contact the Sherwin-Williams Technical Service Department prior to starting the project. 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 3-4. 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 and 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, wood or metal as described in Surface Preparation Form G-1, then do not apply. Call Sherwin-Williams Technical Service Department for recommendation.

**When installing FasTop Topcoat QT, if encountering concrete outgassing, please discontinue installation and apply 3477 Epoxy Water Emulsion Primer / Sealer. Allow to dry until tack-free and proceed with the FasTop 12S installation.**

- 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.
- Do not install outside.

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

## APPLICATION INFORMATION

VOC MIXED	APPLICATION STEP	MATERIAL	MIXED RATIO	THEORETICAL COVERAGE PER COAT CONCRETE	PACKAGING
<100 g/L	Primer Optional for outgassing	3477	2:1	250-300 sq. ft. / gal	3 or 15 gals
0	Basecoat	FasTop S, MVT, 12S, 12TC or 12SL	See Basecoat System Bulletin	See Basecoat System Bulletin	50 lbs.
<50 g/L	FasTop Topcoat QT Texture Coat	4090 5095		200-400 sq. ft. / gal	Pre-measured A&B components 8 lbs.

## PRIMER

Use only as required for the basecoat material selected.

## MIXING AND APPLICATION

1. Premix 3477A (resin) and 3477B (hardener) separately, using a low-speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to whip air into the materials.
2. Add 2 parts 3477A (resin) to 1 part 3477B (hardener) by volume. Mix with low-speed drill and Jiffy blade for three minutes until uniform. DO NOT mix more material than can be used within 4 hours. Apply material with a short nap roller at a spread rate of 250 sq. ft. per gallon.
3. DO NOT ALLOW TO PUDDLE. Any uneven or textured surfaces will require more material than an even surface.
4. Proceed when tack-free, 1-4 hours on shot-blasted concrete.

## BASECOAT

Refer to the System Bulletin for the selected basecoat; FasTop Topfloor, Topfloor MVT.

## TEXTURE COAT\*

FasTop Topcoat QT is applied via a gravity-fed texture gun with a minimum 1.5 gallon-hopper; available through your local Sherwin-Williams store, Harbor Freight Tools or home improvement store. The air compressor must deliver a minimum of 2.4 CFM at 90 psi. The basecoat should be cured until firm enough to support foot traffic prior to application of the FasTop Topcoat QT.

## TOPCOAT: OPTIONAL

### MIXING

Do not premix 4090 A & B.

Combine 1 part 4090A (resin) with 5095 part C (aggregate) mix with a drill and Jiffy blade until lump-free (60-90 seconds), the product will thicken which helps allow the mix blade to break up any powder or pigment clumps. Add the 4090 Part B and mix until uniform in color and texture, 20-30 seconds.

Pour the FasTop Topcoat QT mixture into the hopper and begin spraying to create the desired texture. The entire mix (approximately 1.25 gals) must be used within 10 minutes to avoid thickening within the gun; multiple mixes can be applied in one continuous operation. Typical coverage per batch can vary from 200-400 feet per kit.

Texture (height & width) and coverage is a function of the orifice size of the gun and air pressure; a finer texture uses a smaller orifice and higher pressure (40-60 psi). Typically, a large orifice and low pressure (15- 20 psi) create larger "clumps." FasTop Topcoat QT sets up quickly, unused or excess material should be removed from the hopper immediately, and the system should be cleaned to avoid setting up. Multiple colors can be applied on top of each other for a decorative effect; patterns can be taped or a stencil can be used to create a tile or paver look with the basecoat, providing a grout line when the tape/stencil is pulled.

**\*Prior to starting any project with FasTop Topcoat QT, practice on boards or other surfaces to perfect the desired texture via changes in orifice size, air pressure, trigger pull, etc. Overspray will occur thus surrounding areas and equipment should be protected prior to spraying. High temperature and humidity will impact application and cure times.**

## CLEAN UP

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 PRECAUTIONS

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 (40°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 [www.sherwin-williams.com/resin-flooring](http://www.sherwin-williams.com/resin-flooring) to obtain the most recent Product Data information and Application instructions.

## 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.

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[sherwin-williams.com/resin-flooring](http://sherwin-williams.com/resin-flooring)  
[swflooding@sherwin.com](mailto:swflooding@sherwin.com)