General Overview

TSE (TOP SHELF® EPOXY), SELECT EPOXY, AND SELECT OMG BLOCKER

ON-SITE APPLICATION TESTING

To ensure desired results are achieved, test the system in a small area on site before beginning any project.

SURFACE PREPARATION

Test and look for any unknown site conditions and/or defects. For testing requirements, review KRETUS® Pre- and Post-Job Checklists (kretus.com/project-planning).

Before installing any KRETUS® product, substrate must be

- Clean: Remove any and all contaminates.
- Profiled: Mechanically prepare surface to CSP 3-5 (adhere to International Concrete Repair Institute's current guide for Concrete Surface Profiles). Each project may require a different CSP.
- Sound: Treat all joints (terminations and transitions) and random cracks.

NOTE: Coatings tend to pull away from free edges—termination points (anywhere concrete ends), joints, cracks, gutters, drains. Anchor joints may need to be added 6" from termination points. Joints and cracks may need to be expanded to 2x the width and 1x the depth. Edges around drains and gutters may need a deeper slope.

MIXING GUIDE

Review mix ratios and application methods in the System Action Guideline at the end of the appropriate Installation Guide.

Review the Mixing Station Guide available at kretus.com/project-planning for general handling, storage, and preparation procedures. Careful measurements and thorough mixing are essential for a proper cure. Observe all mixing procedures and guidelines to ensure a controlled and thorough chemical transition to a high-strength solid.

- Mixing drill: Use a low-RPM, low-torque drill and Jiffler-style double-bladed mixer. When mixing epoxy with terrazzo aggregates, sand, SG, or TG, use a high-RPM, high-torque.
- Pre-mix liquid components before combining them to ensure coating is uniform. Use a different mixing tool for each component to avoid cross-contamination.

Mixing Instructions

- General: Mix Part A with Part B for 2 minutes or until uniform.
- Adding Metallic pigment: Add additive to Clear Part A and mix for 2 minutes or until uniform. Allow color to set for 20 minutes to 24 hours. Add Part B and mix for 2 minutes or until uniform.
- Adding colorant: Mix Clear Part A with additive for 2 minutes or until uniform. Add Part B and mix for 2 minutes or until uniform.
- Adding accelerant, decelerate, Solvent Cleaner, or Anti-Slip: Combine Part A and Part B and mix for 2 minutes or until uniform. Slowly add additive and continue to mix for 1 minute or until uniform.
- Adding SG, TG, CG, or sand: Mix A until color and consistency are uniform. Add Part B and mix for 30 seconds. Slowly add Part C and continue mixing for 2 minutes or until color and consistency are uniform.

SAFETY & CLEANUP

Review current Safety Data Sheet(s) and all relevant documentation before installing. Safety conditions and personal protective equipment must be considered before using any KRETUS® product.

For technical and safety data on TSE (Top Shelf® Epoxy), go to kretus.com/top-shelf-epoxy.

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THOUGHTFULLY DESIGNED COATINGS

TSE ALL-PURPOSE APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat, 8-12 mils	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal
Base Coat, 15-20 mils	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	• 15-20 WFT-mil blade • 3/8" non-shed nap roller	100 SF/gal
Base Coat, 25-30 mils	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	• 25-30 WFT-mil blade • 3/8" non-shed nap roller	50 SF/gal
Base Coat 1 (double broadcast), 8-12 mils, 30-mesh sand	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 8-12 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	150 SF/gal
Base Coat 1 (double broadcast), 8-12 mils, 40-S quartz	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 8-12 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	150 SF/gal
Base Coat 1 (single or double broadcast), 15-20 mils, 1/4" color chip	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 15-20 WFT-mil blade and 3/8" non-shed nap roller. 2. Broadcast media into wet coating according to desired look. (Yields 0.15 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	100 SF/gal
Base Coat 1 (single or double broadcast), 15-20 mils, 30-mesh sand	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 15-20 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	100 SF/gal

TSE ALL-PURPOSE APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat 1 (single or double broadcast), 15-20 mils, 40-S quartz	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 15-20 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	100 SF/gal
Base Coat 1 (single or double broadcast), 25-30 mils, 30-mesh sand	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 25-30 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	50 SF/gal
Base Coat 1 (single or double broadcast), 25-30 mils, 40-S quartz	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 25-30 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	50 SF/gal
Base Coat 2 (double broadcast), over 30-mesh sand	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	90 SF/gal
Base Coat 2 (double broadcast), over 40-S quartz	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	90 SF/gal

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TSE ALL-PURPOSE APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat 2 (double broadcast), over 30-mesh sand, broadcast Anti-Slip AO 24, 36, 60, or 80	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Broadcast media into wet coating according to desired look. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	90 SF/gal
Cap Coat, over 30-mesh sand	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	• flat rigid blade • non-shed 3/8" nap roller	90 SF/gal
Cap Coat, over 40-S quartz	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	• flat rigid blade • non-shed 3/8" nap roller	90 SF/gal
Prime Coat, 5-7 mils	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	• flat rigid or flat flexible blade • non-shed 3/8" nap roller	275 SF/gal
Top Coat, 8-12 mils Note: Kretus generally recommends to apply top coats with Anti-Slip texture.	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal
Top Coat, 15-20 mils Note: Kretus generally recommends to apply top coats with Anti-Slip texture.	• Part A: A-Resin • Part B: any TSE hardener	A:B = 1 gal:1/2 gal	• 15-20 WFT-mil blade • 3/8" non-shed nap roller	100 SF/gal
Top Coat with Anti-Slip Texture, 3-5 mils	• Part A: A-Resin • Part B: any TSE hardener • Part T: Anti-Slip	A:B:T = 1 gal:1/2 gal Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• dip-and-roll method with 3/8" non-shed nap roller	400 SF/gal
Top Coat with Anti-Slip Texture, 5-7 mils	• Part A: A-Resin • Part B: any TSE hardener • Part T: Anti-Slip	A:B:T = 1 gal:1/2 gal Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• 5-7 WFT-mil blade • 3/8" non-shed nap roller	300 SF/gal
Top Coat with Anti-Slip Texture, 8-12 mils	• Part A: A-Resin • Part B: any TSE hardener • Part T: Anti-Slip	A:B:T = 1 gal:1/2 gal Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal

TSE COUNTERTOP APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat, 1"	• Part A: CAST-Resin • Part B: EZ, AP, or FAST	A:B = 1 gal:1/2 gal	1. Pour material in place. 2. Use notched and/or hand trowel to spread evenly. 3. After 5–15 minutes, use heat gun to remove air bubbles.	1 SF/gal
Base Coat, 2"	• Part A: CAST-Resin • Part B: EZ, AP, or FAST	A:B = 1 gal:1/2 gal	1. Pour material in place. 2. Use notched and/or hand trowel to spread evenly. 3. After 5–15 minutes, use heat gun to remove air bubbles.	0.5 SF/gal

TSE COVE APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Cap Coat Note: Do NOT install a pigmented cap coat over a color/ pigmented broadcast.	• Part A: COVE-Resin • Part B: any hardener	A:B = 1 gal:1/2 gal Small-batch mix (recommended): A:B = 1 qt:1/2 qt	• chip brush • dip-and-roll method with 3/8" non-shed nap roller	1200 LF/gal
Prime Coat	• Part A: COVE-Resin • Part B: any hardener	A:B = 1 gal:1/2 gal Small-batch mix (recommended): A:B = 1 qt:1/2 qt	• chip brush • dip-and-roll method with 3/8" non-shed nap roller	1200 LF/gal
Wall Cove Base Coat, 4" high x 1" radius x 3/16" thick	• Part A: COVE-Resin • Part B: any hardener • Part C: clean, kiln-dried sand, 30- to 60-mesh	A:B:C = 1 gal:1/2 gal:50 lbs Small-batch mix (recommended): A:B:C = 1 qt:1/2 qt:4-5 qts	• cove trowel • 3/8" non-shed nap roller	60 LF/KIT
Wall Cove Base Coat, 6" high x 1" radius x 3/16" thick	• Part A: COVE-Resin • Part B: any hardener • Part C: clean, kiln-dried sand, 30- to 60-mesh	A:B:C = 1 gal:1/2 gal:50 lbs Small-batch mix (recommended): A:B:C = 1 qt:1/2 qt:4-5 qts	• cove trowel • 3/8" non-shed nap roller	40 LF/KIT

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TSE FLEX APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat, 8-12 mils	• Part A: Flex-Resin • Part B: EZ, AP, or FAST	A:B = 1 gal:1/2 gal	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal
Base Coat, 15-20 mils	• Part A: Flex-Resin • Part B: EZ, AP, or FAST	A:B = 1 gal:1/2 gal	• 15-20 WFT-mil blade • 3/8" non-shed nap roller	100 SF/gal
Base Coat, 25-30 mils	• Part A: Flex-Resin • Part B: EZ, AP, or FAST	A:B = 1 gal:1/2 gal	• 25-30 WFT-mil blade • 3/8" non-shed nap roller	50 SF/gal
Prime Coat (flexible membrane over plywood), 5-7 mils	• Part A: Flex-Resin • Part B: EZ, AP, or FAST	A:B = 1 gal:1/2 gal	1. Apply coating with flat rigid or flexible blade and non-shed 3/8" nap roller. 2. Lay fiberglass lath into wet coating.	275 SF/gal

TSE METALLIC APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat (Metallic), 15-20 mils	• Part A: A-Resin • Part B: EZ, AP, or FC • Part MP: Metallic pigment	A:B:MP = 1 gal:1/2 gal Note: Check Metallic Color Chart for Metallic pigment mix ratio.	• 15-20 WFT-mil blade • 3/8" non-shed nap roller • effects: leaf blower, back roll, or spray with denatured alcohol/ mineral spirits/solvent	100 SF/gal
Base Coat (Metallic), 25-30 mils	• Part A: A-Resin • Part B: EZ, AP, or FC • Part MP: Metallic pigment	A:B:MP = 1 gal:1/2 gal Note: Check Metallic Color Chart for Metallic pigment mix ratio.	• 25-30 WFT-mil blade • 3/8" non-shed nap roller • effects: leaf blower, back roll, or spray with denatured alcohol/ mineral spirits/solvent	50 SF/gal

TSE MVR APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATIO	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
MVR Coat, 16 mils	• Part A: CR-Resin (recommended) or A-Resin • Part B: MVR-EZ or MVR-FC	A:B = 1 gal:1/2 gal	• 15-20 WFT mil blade • 3/8" non-shed nap roller	100 SF/gal

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TSE NOVOLAC APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat, 8-12 mils	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal
Base Coat, 15-20 mils	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	• 15-20 WFT-mil blade • 3/8" non-shed nap roller	100 SF/gal
Base Coat, 25-30 mils	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	• 25-30 WFT-mil blade • 3/8" non-shed nap roller	50 SF/gal
Base Coat 1 (double broadcast), 8-12 mils, 30-mesh sand	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 8-12 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	150 SF/gal
Base Coat 1 (double broadcast), 8-12 mils, 40-S quartz	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 8-12 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	150 SF/gal
Base Coat 1 (single or double broadcast), 15-20 mils, 1/4" color chip	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 15-20 WFT-mil blade and 3/8" non-shed nap roller. 2. Broadcast media into wet coating according to desired look. (Yields 0.15 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	100 SF/gal
Base Coat 1 (single or double broadcast), 15-20 mils, 30-mesh sand	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 15-20 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	100 SF/gal

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TSE NOVOLAC APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat 1 (single or double broadcast), 15-20 mils, 40-S quartz	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 15-20 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	100 SF/gal
Base Coat 1 (single or double broadcast), 25-30 mils, 30-mesh sand	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 25-30 WFT-mil blade and 3/8" non-shed nap roller. 2 Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	50 SF/gal
Base Coat 1 (single or double broadcast), 25-30 mils, 40-S quartz	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with 25-30 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	50 SF/gal
Base Coat 2 (double broadcast), over 30-mesh sand	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	90 SF/gal
Base Coat 2 (double broadcast), over 40-S quartz	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	90 SF/gal

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TSE NOVOLAC APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat 2 (double broadcast), over 30-mesh sand, broadcast Anti-Slip AO 24, 36, 60, or 80	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Broadcast media into wet coating according to desired look. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	90 SF/gal
Cap Coat, over 30-mesh sand	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	• flat rigid blade • non-shed 3/8" nap roller	90 SF/gal
Cap Coat, over 40-S quartz	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	• flat rigid blade • non-shed 3/8" nap roller	90 SF/gal
Prime Coat, 5-7 mils	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	• flat rigid or flat flexible blade • non-shed 3/8" nap roller	275 SF/gal
Top Coat, 8-12 mils Note: Kretus generally recommends to apply top coats with Anti-Slip texture.	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal
Top Coat, 15-20 mils Note: Kretus generally recommends to apply top coats with Anti-Slip texture.	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP	A:B = 1 gal:1/2 gal	• 15-20 WFT-mil blade • 3/8" non-shed nap roller	100 SF/gal
Top Coat with Anti-Slip Texture, 3-5 mils	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP • Part T: Anti-Slip	A:B:T = 1 gal:1/2 gal Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• dip-and-roll method with 3/8" non-shed nap roller	400 SF/gal
Top Coat with Anti-Slip Texture, 5-7 mils	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP • Part T: Anti-Slip	A:B:T = 1 gal:1/2 gal Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• 5-7 WFT-mil blade • 3/8" non-shed nap roller	300 SF/gal
Top Coat with Anti-Slip Texture, 8-12 mils	• Part A: CR-Resin • Part B: MVR-FC, FAST, or AP • Part T: Anti-Slip	A:B:T = 1 gal:1/2 gal Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal

TSE SG (SLURRY GRADE) APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat (Self-Leveler), 1/8"	• Part A: Commercial-Resin • Part B: any TSE hardener • Part C: SG	A:B:C = 1 gal:1/2 gal:25 lbs	• Size 2 CAM (1/8") and gauge rake or 1/2" wide x 3/8" deep V-notched squeegee • loop and spiked roller	60 SF/KIT

TSE TG (TROWEL GRADE) APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat, 1/4"	• Part A: Commercial-Resin • Part B: EZ (recommended) or any TSE hardener • Part C: clean, kiln-dried sand, 30- to 60-mesh	A:B:C = 1 gal:1/2 gal:100 lbs Small-batch mix (recommended): A:B:C = 1/2 gal:1 qt:50 lbs	• trowel, power trowel, or screed box	24 SF/KIT
Base Coat, 3/8"	• Part A: Commercial-Resin • Part B: EZ (recommended) or any TSE hardener • Part C: clean, kiln-dried sand, 30- to 60-mesh	A:B:C = 1 gal:1/2 gal:100 lbs Small-batch mix (recommended): A:B:C = 1/2 gal:1 qt:50 lbs	• trowel, power trowel, or screed box	16 SF/KIT

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SELECT EPOXY APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SELECT KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat, 8-12 mils	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal
Base Coat, 15-20 mils	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	• 15-20 WFT-mil blade • 3/8" non-shed nap roller	100 SF/gal
Base Coat, 25-30 mils	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	• 25-30 WFT-mil blade • 3/8" non-shed nap roller	50 SF/gal
Base Coat 1 (double broadcast), 8-12 mils, 30-mesh sand	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	Work in 200-500 SF increments: 1. Apply with 8-12 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	150 SF/gal
Base Coat 1 (double broadcast), 8-12 mils, 40-S quartz	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	Work in 200-500 SF increments: 1. Apply with 8-12 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	150 SF/gal
Base Coat 1 (single or double broadcast), 15-20 mils, 1/4" color chip	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	Work in 200-500 SF increments: 1. Apply with 15-20 WFT-mil blade and 3/8" non-shed nap roller. 2. Broadcast media into wet coating according to desired look. (Yields 0.15 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	100 SF/gal
Base Coat 1 (single or double broadcast), 15-20 mils, 30-mesh sand	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	Work in 200-500 SF increments: 1. Apply with 15-20 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	100 SF/gal

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THOUGHTFULLY DESIGNED COATINGS

SELECT EPOXY APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SELECT KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat 1 (single or double broadcast), 15-20 mils, 40-S quartz	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	Work in 200-500 SF increments: 1. Apply with 15-20 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	100 SF/gal
Base Coat 1 (single or double broadcast), 25-30 mils, 30-mesh sand	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	Work in 200-500 SF increments: 1. Apply with 25-30 WFT-mil blade and 3/8" non-shed nap roller. 2 Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	50 SF/gal
Base Coat 1 (single or double broadcast), 25-30 mils, 40-S quartz	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	Work in 200-500 SF increments: 1. Apply with 25-30 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	50 SF/gal
Base Coat 2 (double broadcast), over 30-mesh sand	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media	90 SF/gal
Base Coat 2 (double broadcast), over 40-S quartz	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	90 SF/gal

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THOUGHTFULLY DESIGNED COATINGS

SELECT EPOXY APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SELECT KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat 2 (double broadcast), over 30-mesh sand, broadcast Anti-Slip AO 24, 36, 60, or 80	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Broadcast media into wet coating according to desired look. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	90 SF/gal
Cap Coat, over 30-mesh sand	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	• flat rigid blade • non-shed 3/8" nap roller	90 SF/gal
Cap Coat, over 40-S quartz	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	• flat rigid blade • non-shed 3/8" nap roller	90 SF/gal
Prime Coat, 5-7 mils	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	• flat rigid or flat flexible blade • non-shed 3/8" nap roller	275 SF/gal
Top Coat, 8-12 mils Note: Kretus generally recommends to apply top coats with Anti-Slip texture.	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal
Top Coat, 15-20 mils Note: Kretus generally recommends to apply top coats with Anti-Slip texture.	• Part A: Commercial-Resin • Part B: EZ or TH	A:B = 2 gal:1 gal	• 15-20 WFT-mil blade • 3/8" non-shed nap roller	100 SF/gal
Top Coat with Anti-Slip Texture, 3-5 mils	• Part A: Commercial-Resin • Part B: EZ or TH • Part T: Anti-Slip	A:B:T = 2 gal:1 gal Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• dip-and-roll method with 3/8" non-shed nap roller	400 SF/gal
Top Coat with Anti-Slip Texture, 5-7 mils	• Part A: Commercial-Resin • Part B: EZ or TH • Part T: Anti-Slip	A:B:T = 2 gal:1 gal Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• 5-7 WFT-mil blade • 3/8" non-shed nap roller	300 SF/gal
Top Coat with Anti-Slip Texture, 8-12 mils	• Part A: Commercial-Resin • Part B: EZ or TH • Part T: Anti-Slip	A:B:T = 2 gal:1 gal Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal

SELECT EPOXY COVE APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SELECT KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Cap Coat Note: Do NOT install a pigmented cap coat over a color/ pigmented broadcast.	• Part A: COVE-Resin • Part B: TH	A:B = 1 gal:1/2 gal Small-batch mix (recommended): A:B = 1 qt:1/2 qt	• chip brush • dip-and-roll method with 3/8" non-shed nap roller	1200 LF/gal
Prime Coat	• Part A: COVE-Resin • Part B: TH	A:B = 1 gal:1/2 gal Small-batch mix (recommended): A:B = 1 qt:1/2 qt	• chip brush • dip-and-roll method with 3/8" non-shed nap roller	1200 LF/gal
Wall Cove Base Coat, 4" high x 1" radius x 3/16" thick	• Part A: COVE-Resin • Part B: TH • Part C: clean, kiln-dried sand, 30- to 60-mesh	A:B:C = 1 gal:1/2 gal:50 lbs Small-batch mix (recommended): A:B:C = 1 qt:1/2 qt:4-5 qts	• cove trowel • 3/8" non-shed nap roller	60 LF/KIT
Wall Cove Base Coat, 6" high x 1" radius x 3/16" thick	• Part A: COVE-Resin • Part B: TH • Part C: clean, kiln-dried sand, 30- to 60-mesh	A:B:C = 1 gal:1/2 gal:50 lbs Small-batch mix (recommended): A:B:C = 1 qt:1/2 qt:4-5 qts	• cove trowel • 3/8" non-shed nap roller	40 LF/KIT

SELECT EPOXY OMG BLOCKER APPLICATIONS (IN ALPHABETICAL ORDER)

APPLICATION	PRODUCT REQUIRED	SELECT KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
MVR Coat, 16 mils	• Part A: CR-Resin • Part B: MVR-EZ or MVR-FC	A:B = 2 gal:1 gal	• 15-20 WFT mil blade • 3/8" non-shed nap roller	100 SF/gal

*Coverage rates are for estimating purposes only. Factors such as waste, unusual/abnormal substrate conditions, and other unforeseen jobsite conditions may affect actual product yields and are the responsibility of the installer.

BROADCASTS, AGGREGATES, & ADDITIVES (IN ALPHABETICAL ORDER)

- Find Color Charts for Vinyl Color Chip, Color Quartz, and Top Shelf® Epoxy Colorant at kretus.com/color-charts.

PRODUCT	USE	COVERAGE RATE	MIX RATIO
color chip, 1/4"	Broadcast into base coat to provide decorative finish.	0.15 lb/SF	Broadcast only—do not mix into coating.
color/pigmented quartz, 40-S	Broadcast into base coat to provide decorative finish and improve slip resistance.	Depends on application	Broadcast only—do not mix into coating.
KRETUS® Anti-Slip	Increase impact and skid resistance.	Depends on application	Check Anti-Slip Guide for mix ratio (kretus.com/anti-slip).
KRETUS® Metallic pigment	Gives epoxy a 3-D reflective look.	Depends on application	Check Metallic Color Chart for mix ratio (kretus.com/color-charts).
KRETUS® Solvent Cleaner	Reduces viscosity.	Depends on application	Up to 1 qt per 1.5 gal of epoxy
KRETUS® Top Shelf® Epoxy Accelerant	Speed working, recoat, and return-to-service times.	Depends on application	See Top Shelf® Epoxy Accelerant TDS.
KRETUS® Top Shelf® Epoxy Colorant	Pigment any clear epoxy application.	Depends on application	See kretus.com/color-charts.
sand, 30- or 60- mesh	Broadcast into base coat to improve slip resistance.	Depends on application	Broadcast only—do not mix into coating.