



SYSTEM ACTION GUIDELINE

KRETUS® TS-740

Top Shelf® Metallic

This document serves as a general installation guide. Before beginning your installation, review all relevant KRETUS® documentation. If you need assistance installing a KRETUS® system, contact KRETUS® at least 24 hours before installation begins.

Surface Preparation and Testing

Test and look for any unknown site conditions and/or defects. Before installing KRETUS® system, substrate must be (A) Clean: Remove any and all contaminants. (B) Profiled: Mechanically prepare surface to ICRI CSP 3. (C) Sound: Treat all joints (terminations and transitions) and random cracks.

NOTE: If MVER (moisture vapor emission rate) is higher than 3 lbs. per 1,000 sf in a 24-hour period, contact KRETUS® for moisture control solutions.

Ideal Conditions

Apply material when temperature is decreasing—adhere to Dew Point Calculation Chart. Do not apply under direct sunlight. Do not install if rain is forecasted during time allotted for installation.

NOTE: Begin cove application before floor application.

	1 PRIME COAT (Clear)	2 METALLIC COAT (Color)		3 METALLIC ACCENT (Color)	4 TOP COAT (Clear)
PRODUCT	KRETUS Top Shelf® Epoxy + KRETUS® Solvent Cleaner	KRETUS Top Shelf® Epoxy + Metallic Pigment (MP)	AND	KRETUS Top Shelf® Epoxy + Metallic Pigment (MP)	SEE OPTIONS ON PAGE 2
STANDARD KIT MIX RATIO	A:B:SC = 1 gal.: 1/2 gal.: 1 qt.	A:B:MP = 1 gal.: 1/2 gal.: 8 oz.		A:B:MP = 1 gal.: 1/2 gal.: 8 oz.	
MIXING INSTRUCTIONS	Mix A + B for 2 min. Add SC and mix for 1 min.	Mix Part A + MP for 2–5 minutes. Add Part B and mix for 2 minutes.		Mix Part A + MP for 2–5 minutes. Add Part B and mix for 2 minutes.	
METHOD/TOOLS	<ul style="list-style-type: none"> flat flexible or flat rigid blade 3/8" nap roller 	Work in 500 sf increments: <ol style="list-style-type: none"> Pour metallic epoxy(s) in vertical, horizontal, or diagonal ribbons across floor. Apply material with 25–30 WFT mil blade and 3/8" nap roller. Use leaf blower, solvent spray, or back roll to disperse color in desired pattern. If applying accent coat, wait 15–20 min. Pour accent color(s) in desired pattern. Disperse color using leaf blower, solvent spray, or back-roll method." 			
RECOAT TIME	When SC has evaporated	Refer to Product Guide	Refer to Product Guide		
COVERAGE RATE	400–550 sf/kit	80–90 sf/kit	80–90 sf/kit		

NOTE: Coverage rates 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.

DISCLAIMER: The information contained in this document is intended for use by KRETUS GROUP® qualified and trained professionals. This is not a legally binding document and does not release the specifier from his/her responsibility to apply materials correctly under the specific conditions of the construction site and the intended results of the construction process. The most current valid standards for testing and installation, acknowledged rules of technology, as well as KRETUS GROUP® technical guidelines must be adhered to at all times.

The steps given in this document and other mentioned documents are critical to the success of your project.

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	Option 1 TOP COAT (Clear)	Option 2 TOP COAT (Clear)
PRODUCT	KRETUS® Polyurethane HP Gloss/Gloss UV + KRETUS® surface texture granule (KRETUS® Anti-Slip, Glass Bead, or Aluminum Oxide)	KRETUS® Polyurethane HS + KRETUS® surface texture granule (KRETUS® Anti-Slip, Glass Bead, or Aluminum Oxide)
STANDARD KIT MIX RATIO	Anti-Slip 50 or 100 (AS)—A:B:AS = 1 qt.:1 gal.:10 oz. Glass Bead 70 or 100 (GB)—A:B:GB = 1 qt.:1 gal.:1.25 lbs. Aluminum Oxide 220 or 120 or 80 (AO)—A:B:AO = 1 qt.:1 gal.:1.25 lbs.	Anti-Slip 50 or 100 (AS)—A:B:AS = 1 gal.:1/2 gal.:12 oz. Glass Bead 70 or 100 (GB)—A:B:GB = 1 gal.:1/2 gal.:1.5 lbs. Aluminum Oxide 220 or 120 or 80 (AO)—A:B:AO = 1 gal.:1/2 gal.:1.5 lbs.
MIXING INSTRUCTIONS	Mix A + B for 2 min. Add texture and mix for 30 seconds or until thoroughly combined.	Mix A + B for 2 min. Add texture and mix for 30 seconds or until thoroughly combined.
METHOD/TOOLS	<ul style="list-style-type: none"> • flat flexible or 5–7 WFT mil blade • 3/8" nap roller OR <ul style="list-style-type: none"> • dip-and-roll method with 3/8" nap roller 	<ul style="list-style-type: none"> • flat flexible or 5–7 WFT mil blade • 3/8" nap roller OR <ul style="list-style-type: none"> • dip-and-roll method with 3/8" nap roller
RECOAT TIME	Refer to Product Guide	Refer to Product Guide
COVERAGE RATE	290–400 sf/kit	340–480 sf/kit

NOTE: Coverage rates 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.

CHOOSING A TOP COAT OPTION

Each top coat option is easy to clean and offers scratch, abrasion, and slip resistance.

	Aluminum Oxide 220, 100, or 80	Glass Bead 70 or 100	Anti-Slip 50 or 100
Polyurethane HP Gloss/Gloss UV	<ul style="list-style-type: none"> • recommended for heavy-traffic areas (warehouse) • quick return to service • best slip and scratch resistance 	<ul style="list-style-type: none"> • round texture granule reduces strain on feet and dirt accumulation • quick return to service • high gloss retention 	<ul style="list-style-type: none"> • recommended for child-play areas • quick return to service
Polyurethane HS	<ul style="list-style-type: none"> • recommended for heavy-traffic areas (warehouse) • strong slip and scratch resistance • high shine 	<ul style="list-style-type: none"> • round texture granule reduces strain on feet and dirt accumulation • high shine 	<ul style="list-style-type: none"> • recommended for child-play areas • high shine