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**POLYMER
NATION**
SETTING THE STANDARD

INSTALLATION GUIDE & BEST PRACTICE FOR EPOXYSCAPES WITH POLY-T TERRAZZO AGGREGATE

TECHNICAL SERVICES

Installation Procedure

Surface Preparation **Cove Mix** **Primer Coat** **Body Coat** **Sand** **Wearcoat**

Surface Preparation

Ensure substrate to be coated is clean, dry, and in sound condition. All laitance, curing compounds, concrete hardeners, and other surface contaminants must be removed.

Prepare concrete in accordance with ASTM D 4259-83. Mechanical Shot Blasting is recommended to achieve a surface profile of ICRI CSP 2-3. Diamond Grinding is also acceptable.

Surface to be coated must be completely porous, thoroughly vacuumed, and free of excessive dust & contaminants.

If cove has been selected install now.

Make sure you prime using P-30 Epoxy tinted towards the scapes color selection.

Cove Mix

Using P-30 Epoxy, mix 64 oz of part (A) to 32 oz of part (B). Mix for 30 seconds.

Add 12.5 lb. of appropriate #1440 scapes aggregate and 1.25 lb. of #1441 #0 aggregate.

Spread rate depends on the thickness of the cove, generally covering approximately 20 LF of 4" cove or 15 LF of 6" cove per mix.





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Primer Coat

Install P-99 100% solids MVS EPOXY PRIMER or F-01 epoxy at total mil thickness of 16 mils using squeegee and backroll techniques.

Body Coat

Mix part A and part B of a 3 gallon unit of F-41 for two minutes using a mortar type mixing attachment.

Add 1 box (32 lbs) #1440 Scapes and 1/2 bag (5 lb.) #1441 #0 to the mixed liquids. Continue mixing until the material is homogenous.

Immediately pour the slurry mixture in a ribbon onto the floor. For large pours, be sure to lay abutting edge within 10 minutes. A “wet edge” installation is imperative to avoid lines, ridges in finished floor.

Spread slurry material with 1/2" steel notched trowel at 84 sf/per kit. Backroll with a metal tine spiked roller or new sharp plastic tine spiked roller.

Sand

Sand with 60-100 grit diamond pads (hybrids or similar) with a machine similar to American Sanders EPOCH 6-5" heads (selection of final sanding grit depends on selection of wear coat and its DFT thickness). Remove dust and debris with a fine broom and vacuum.

Wearcoat

U-21 Gloss or Satin, U-51 Gloss or Matte, F-61, 71 or 81 are all recommended wearcoats. See TDS of each product for more information.

Notes

***Color variations may take place from Batch to Batch. For large projects it is recommended that a complete batch be ordered to avoid any color variation. Prior to installation, please verify that you are using the same batch # of Scapes aggregate in a given area.*

Epoxyscapes with Poly-T may yellow with time.

