

EPOXY & FIBERGLASS FLOORING, SEAMLESS FIBERGLASS WALL SYSTEMS, SEALERS, HIGH PERFORMANCE COATING SYSTEMS, AND INDUSTRIAL CLEANERS

SYSTEM BULLETIN TORGANOL STYLE SEAMLESS EPOXY FLOORING

DESCRIPTION: "TORGANOL STYLE" flooring is a multi layer laminate of epoxy, urethane and sized colored flakes. Typical uses are light industrial, commercial and residential applications

PREPARATION

Proper preparation is essential for this surface to adhere properly. A calcium chloride moisture vapor test is essential prior the installation of this system. A reading of 4.1 or less is required before installation is to start (see technical write up on Moisture Vapor Transmission for more information). Once the concrete is dry enough to continue the surface needs to be thoroughly cleaned and etched with a mild HCl solution (our XA-201 DETERGENT ACID diluted 1-1 With water is recommended). If the surface has a curing compound on it this needs to be removed chemically or mechanically. If it is soiled clean with CD-203 OIL AND GREASE DISSOLVER and follow with the recommended acid etch. Shot blasting is also acceptable though care needs to be taken not to dig "rows" into the concrete as these will transmit through and show in the top surface e if not repaired ahead of time. Once the concrete is clean and dry apply #1013 EPOXY PRIMER at a rate of 300-350sq ft/gal. This step is essential to both get a solid bond and strengthen the tip surface of the concrete and is especially important if the surface is shot blasted as this weakens the concrete. Fill all joints, holes and face cracks with #4100 LVS epoxy either as is or thickened with sand and/or cabosil as the depth of the joint indicates. Once this is hard, sand the patch smooth to the concrete adjacent to it.

SURFACE CONSTRUCTION: The system base provides strength, impact resistance, and ultimate surface thickness. In all cases proper surface preparation; priming with #1013 EPOXY PRIMER is essential. Over the primer apply one layer of 100% SOLIDS COLORED (USUALLY WHITE) #4100 LVS EPOXY is applied with a v notch trowel or roller at an application rate of 125sqft/gal, back rolled smooth and then into which premixed colored flakes are broadcast until the top epoxy surface is overfilled. This is allowed to harden, the excess chips are removed and a second layer of 100% SOLIDS #4100 LVS CLEAR EPOXY is applied at 125 sqft/gal with chips broadcast into it to even out the surface as needed. Once hardened this is LIGHTLY sanded to remove high ;points and ship edges and then two coats of #2400 urethane are applied to give the final rippled finish.

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