

Cemimax DP40

Acrylic Primer for Non-Absorbent Surfaces and Existing Flooring

Description:

DP 40 is a water based, low emission, acrylic, primer that enhances the performance and bonding of Cemimax Self-Leveling products over non-absorbent surfaces. DP40 can be installed over existing well bonded flooring (quarry, porcelain, and ceramic tile; VCT, Sheet Vinyl; Terrazzo; Metal Decking, and Rubber), epoxy and polyurethane (PU) based primers/ moisture vapor retarders (MVR)/ barriers, and well bonded non-water soluble adhesive residue.

Suitable Substrate Conditions:

- Existing flooring that is structurally sound, solid, thoroughly clean and free of polishes, waxes, grease, asphalt and any other contaminant that might act as a bond breaker.
- Can be applied over properly prepared and installed 100% solids epoxy moisture barriers and polyurethane vapor retarders.
- Epoxy cement terrazzo and poured epoxy or polyurethane flooring.
- Dimensionally stable exterior grade-grade plywood.
- For use where Radiant Heat systems are being installed.
- Existing surfaces in need of refurbishment, such as well bonded, non-water soluble adhesive residues including cutback.



Products Features and Benefits:

- Easy Application and quick drying
- One component, no mixing when applied
- Single Coat application for faster turnaround and lower installation costs
- Solvent Free
- Compliant with California 1350 Indoor Air Quality
- LEED v4 contributing product (EQc2 – low emitting materials)
- Excellent bonding on Cemimax brand Epoxy and PU primers / moisture vapor retarders/ barriers

Composition:

Modified styrene-acrylate copolymers, wetting and defoaming agents, preservatives and water.

Technical Data:

Packaging:	Plastic bucket
Package Size:	1 gallon, 2.6 gallon
Shelf-life:	Minimum of 12 months when stored properly
Working temperature:	Minimum 50° F at floor level
Dry Time:	1-4 Hours*
Coverage Rate/ Square Foot Per Pail:	600-700 ft ² 1 Gal. 1600-1800 ft ² 2.6 Gal. Undiluted

*At 65°-70° and 65% ambient humidity.

Limitations and Important Notes:

- Do not install over substrates containing asbestos.
- Some adhesives contain asbestos and some concrete compounds contain natural occurring silica which sanding could cause an unsafe environment when sanding. Extra precautions should be taken when sanding to follow safe working conditions as outlined by OSHA.
- For moisture limitations on this primer, please refer to the moisture limits of the flooring that is being installed over.
- Minimum of 50° F at floor level for installation.
- If installing more than one lift of Cemimax leveling compounds use DP 40 over MVR, then allow each layer to dry completely, and then prime with DP 30 diluted to 3:1. When primer is dry you can install your second lift of Cemimax leveling products.
- In all cases slab surface should be 5° above Dew Point to avoid condensation on the concrete surface and will retard the drying of the DP 40.
- Not suitable for installation over water soluble adhesive.

Substrate Preparation:

The subfloor should be thoroughly cleaned, dry, free of debris, and no loosely bonded surfaces. Make sure there are no active cracks, completely free of contaminants like curing compounds, solvent based markers or paint, oil, grease, and wax that would block absorption into the substrate. Test substrate in accordance with applicable standards relative to moisture content. Any weakly bonded material such as adhesive residue, leveling compounds, floor coverings or coatings must be removed by shot blasting, abrading, grinding, or scraping. Do not apply over water-soluble adhesive. If applying over an MVR it must be properly installed following the installation instructions.



Application:

- Before use, determine the dilution ratio to be used on this application. Thoroughly shake container for 1-2 minutes.
- This product should be applied in a full even coat by rolling it on with a $\frac{3}{4}$ nap nylon. Being careful to not leave any puddling behind as it will delay the drying of the primer.
- Allow to dry to a clear, transparent, almost tack-free film. Drying time for the DP 40 is about 1-3 hours but dry time are based off the ambient temperature.
- Clean equipment immediately with water. Mineral spirits may be used to remove primer that has dried on tools.

