

PUMPABLE SELF-LEVELING CEMENT

CEMENT BASED

Description:

Self level is a cement based, pumpable, self leveling underlayment that can be used over concrete, wood, terrazzo, and existing ceramic tile. Just add water and it becomes a fluid material that will seek its own level and produce a high quality smooth interior surface.

Uses:

Leveling floors
Remodeling work
New construction
Spalled concrete
Commercial /Residential projects
Can be used (over top of)
Concrete
Wood
Terrazzo
Ceramic tile

Advantages:

Labor and Cost Savings
Eliminates Troweling
No Sanding or Grinding
Can be Feather edged
Mixes with water
Low Shrinkage not Gypsum Based

Physical Properties:

Compressive Strength (ASTMC-109)	5800 PSI/Min.
Flexural Strength (ASTM C-348)	1480 PSI/Min.
Tensile Strength (ASTM C-190)	450 PSI/Min.
Flow Time	10 Min.

Coverage:

Self-level 50 lb. bag per 60 sq. ft. 1/8" thickness.
Primer 1 gal. pail per 300-400 sq. ft.

Limitations:

For Interior Use Only
Not a Wearing Surface (Decorative Flooring Underlayment)
Do Not Over water

Never Add Any Additives to Factory Mix
Do Not Install Below 40F

Preparation Of Sub Floors:

Concrete and Cement Substrate: All floors must be cured and free of any waste, oil, dust or paint particles. Remove any liquid curing agents by sanding. Prime floor with Southcrete Concrete Bonding Agent, using a suitable brush or spray apparatus.

MIXING:

Using a clean container, mix 1 bag self level with 5 to 6 quarts of cool, clean, potable water. Put water in container then add dry powder to obtain a smooth lump-free mix. For best results use a 1/2" electric drill. (By volume 5 parts self level to 1 part water.)

Application:

Pour or pump desired amount of material to be put down. Next, using a straight plane, draw down areas as needed, feather edge as necessary.

Working Time: 30 minutes at 70 degrees F (Flow time 10 minutes).

Warning: Do not over-water. Do not install below 40F. Protect from drying too fast from strong sun or wind exposure.

For thick applications over 1", mix self level with clean, washed gravel, sieve size (#6, 1/4 x 1/8 inches). Use no more than 25 lbs. per bag.

Curing:

Minimum cure is reached in 12 hours. Heavy traffic shall be restricted to 24 hours. Bond strength, shear tensile and adhesion. Strengths are higher than any conventional mortars.*

Caution:

Eye and Skin Irritant. Avoid contact with eyes. Do not take internally. First Aid: In case of contact with eyes, flush with large amounts of water for at least 15 (fifteen) minutes. For skin, wash affected area with soap and water. If irritation persists, see a physician. If ingested, contact a physician immediately.

CONTAINS FREE SILICA. AVOID BREATHING DUST. Prolonged exposure to dust may cause delayed lung disease (silicosis). Wear NIOSH approved mask for silica dust. KEEP OUT OF REACH OF CHILDREN. Protect from freezing.

Limited Warranty:

S.G.M., Inc., will replace any material proved defective with the maximum shelf life on unused material of up to one (1) year. If our products are not found to conform to our high standards, notify S.G.M., Inc., immediately in writing. There is no other obligation expressed or implied, and we assume no liabilities for

damages of any kind. Suitability of the product for an intended use shall be solely up to the user.

SGM

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