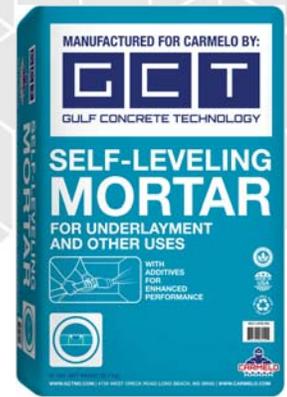


GCT Self Leveling Underlayment

Cement Based Floor Underlayment



PRODUCT DESCRIPTION:

GCT Self-Leveling Mortar is a poured-in-place cement based underlayment that self-levels and cures to create a flat, hard surface on interior floors before installation of any floor finish. It is used to level floors, correct horizontal surface defects, or as a follow-up to rough-screed projects. Typical applications include commercial, industrial, and residential projects on new construction or restoration over concrete flatwork, nonmoving wood floors, flooring with cutback resin, and other firm porous and nonporous surfaces.

ADVANTAGES:

With our unique mix design, strict Quality Assurance tests and processes, Self-Leveling Underlayment Mortar offers the following advantages:

Self-levels for smooth, easy installations / high fluidity and ready to pour, reducing Installation time / Remains workable for more than 30 minutes with minor agitation / Not gypsum based / Single component – requires only the correct amount of water / Rapid curing-ready for service in 24 hours

MULTIPLE USES:

Levels rough concrete surfaces / Under tiles, carpeting, and hardwood floors / Commercial and Residential structures / Office Complexes / Over Cast-in-Place and precast floors / Where quick turnaround is needed

SURFACE PREPARATION:

All surfaces must be sound and non-moving. Before installation, the following must be completely removed; all dirt, oil, grease, carpet adhesives, asphalt, paint, curing membranes, latex compounds or other loose material and contaminants. Concrete surfaces must be fully cured a minimum of 28 days. The surface of hard-troweled or burnished concrete must be opened by mechanical abrasion. Concrete should not be acid etched, since the acid weakens the surface and reduces the bond of the primer to the concrete. Failure to remove all contaminants and coatings that impede the bond of the primer to the surface of the sub-floor will cause loss of adherence and reduced durability. Do not use Self-Leveling Mortar on painted, sealed or polished surfaces. Contact the Manufacturer for specific application instructions.

MIXING INSTRUCTIONS:

1. Mix a 50 lbs. bag of the product to a bucket of 2.8 quarts (0.70gal) of potable water.
2. Mix with high-shearing action for at least 3 min., until a fluid and lump free consistency is reached.
3. Additional water must not be added during mixing. The presence of whitish lather on the surface indicates over watering and will cause segregation.
4. The area must be primed with a bonding agent before pouring. Pour the product over the already primed substrate to the desired thickness.

PLACING:

It is recommended that placing should be done in lanes of 15 feet width. Placing the material in a continuous manner is important to achieve proper merging and avoid cold joints. Mortar application machines are strongly recommended to ensure continuous placement. Do not allow contact with water during the first 24 hours of curing. Keep the area protected to minimize shrinkage and hairline cracks. Hairline cracks do not represent a structural failure and they are inherent characteristics of the material.

TECHNICAL DATA

Physical State	Gray Color Powder
Shelf Life	1 yr in Covered Dry Place
Mixing Ratio	2.80 qts (0.70 Gal) of Water/Bag
Strength	7500 psi @ 28 Days
Density	140 pcf
Yield	22 ft ² /bag @ 1/4" Thick
Tested Thicknesses	1/8" to 1/2" Thick

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