

Description:

EXT is a Cement based, non shrinking, self-leveling topping designed for leveling exterior horizontal concrete. This single component product provides a tough surface that typically will accept foot traffic in 4 hours and vehicular traffic in 24 hours after installation.

Purpose / Use:

EXT can be used to resurface sound, properly prepared exterior concrete surfaces. It can be used on new construction projects to correct rough or unfinished concrete and to level uneven surfaces.

EXT can be used on indoor and outdoor projects :

- Walkways ● Patios ● Concrete stairs
- Driveways ● Garage floors ● Pool decks
- Balconies ● Loading Docks ● Parking Decks

Advantages:

- Topping designed for interior and exterior use
- Can be applied up to 1 1/2" thick.
- Walkable in 4 hours
- Drive on it in 24 hours
- Maintains properties for 25 minutes.
- Water resistant - Non Gypsum based.

Compressive Strength (ASTM C 109):

1 Day	3000 psi	20.7 MPa
7 Days	5000 psi	34.5 MPa
28 Days	6100 psi	42.1 MPa

Flexural Strength (ASTM C 348):

28 Days	1290 psi	8.9 MPa
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Setting Time (ASTM C 191):

Working Time	30+ Minutes
Initial Set	1.5 Hours
Final Set	2 Hours

Flammability: (ASTM E84):

Flame Spread: -0-
 Fuel Contribution: -0-
 Smoke Development: -0-

Approximate Coverage:

25 sq. ft. per bag at 1/4"
 12 sq. ft. per bag at 1/2"

Application Temperature Range:

50°F – 95°F

Mixing Ratio:

4.0 quarts to a maximum 4.5 quarts per 50 lbs bag.

Substrate Preparation:

Surface must be solid, completely clean, free of oil, wax, grease, sealers, curing compounds, asphalt, paint, dirt, loose surface

material and any contaminate that will act as a bond-breaker. Weak concrete surfaces must be cleaned down to solid sound concrete by mechanical means. Acid etching or chemical cleaning is not acceptable. Joints in the substrate must be reflected through the applied underlayment. Just prior to the application of EXT, dampen the surface with water. Do not pond or puddle the water. Do not apply EXT to a dry surface.

Important: All cracks in new and old concrete should be repaired to inhibit their ability to reflect or telegraph up into the surface of a bonded topping or underlayment. However, it is still possible that some cracks will reflect into the surface. In most cases, these are small, hairline cracks do not pose a threat to the performance of the underlayment, topping or floor covering to be installed.

Mixing and Installation:

Important: To insure installation success, be sure to test a small area for compatibility, bond strength and performance.

Note: Protect area from uneven sun and wind patterns which can cause inconsistent curing patterns.

Manual Installation:

Mix 2-bags of EXT at a time. For each bag add 4.0 to a maximum 4.5 quarts of clean potable water into a mixing drum. Then add the EXT bags, while mixing at full speed with a paddle mixer attached to a heavy duty 1/2" drill (min. 650rpm). Mix completely for a minimum of 2-3 minutes until lump free, adding no additional water.

Pour the blended EXT on the floor brooming the material in with a stiff bristled broom. Immediately follow up by adding the remainder of the material and disperse with the CMP-GR-1 gauge rake, then smoothing with the CMP-SP-1 smoother.

Extension: Blend the EXT with, dried, clean 1/8" – 1/4" pea gravel. Mix EXT first with water, then add 15 lbs. of the aggregate mixing until the pea gravel is coated, then place. Be aware that wet aggregate may cause over-watering and the addition of aggregate will reduce the workability.

Pumping Applications:

Please contact CMP Specialty Products, Inc for instructions on recommended pumping procedures and equipment.

Curing:

EXT is self curing self leveling wear surface. Do not use damp curing methods or curing and sealing compounds. EXT is walkable within 2 - 3 hours after installation is completed.

Protect EXT from excessive heat conditions during its initial curing stage.

EXT hardens within 2 - 3 hours and is ready to accept stains, sealers or coatings in as little as 24 hours. CMP j llj

recommends the application of a sealer to protect surface from contaminants and optimize surface integrity.

Clean Up:

Use water to clean all tools prior to material hardening.

Packaging:

50 lbs. bags / 50 bags per pallet / 2500 lbs per pallet

Shelf Life:

12 months from the manufactured date.

Health and Safety:

Refer to the MSDS before using this product.