

carpenterstone[®]

EarthBond Finish Coat

2047 High Ridge Road
Boynton Beach, FL 33426

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www.carpenterstone.com

Technical Data

COVERAGE

1 bag = 60 sq. ft.
@ 1/8" Thickness

TECHNICAL DATA

COMPRESSIVE STRENGTH

ASTM C-109
28 day PSI – 4,000

ABRASION RESISTANCE, Modified Taber

28 days % loss – 500 cycles –
TBD

TENSILE STRENGTH

ASTM C-190
28 day PSI - TBD

FLEXURAL STRENGTH

ASTM C-348
28 day xxx PSI
(est. 900 – 1,500)

MOSAIC SHEAR

ANSI A 118.4
28 day PSI - TBD

Density – 100 lbs. /cu. ft.

CURING

Allow to air cure after application. Care should be taken when weather conditions impart variables that may cause the mixture to dry out too quickly. High heat, sunlight and especially windy conditions may be detrimental to the proper curing of the texture. Attempt to minimize application during such harsh conditions by working during cooler hours, keeping all materials shaded prior to mixing and setting up plastic or temporary walls to block wind. **CarpenterStone Finish Coat Spray and Trowel** should achieve initial set in approximately 8 hours.

DESCRIPTION

CarpenterStone EarthBond Finish Coat is an environmentally friendly, finish coat cementitious (ECC – Engineered Cementitious Composite) application for texturing both interior and exterior surfaces, including exterior walls, entry/accents walls, columns, and any other vertical surface or wall. **EarthBond Finish Coat** is formulated to provide excellent bonding to new as well as existing concrete, concrete block, foam, drywall, plaster, wallboard, and even painted surfaces. Due to its superior bonding strength as well as the fiber reinforcement, the mix may be applied directly to the substrate eliminating the need for lath.

FEATURES

EarthBond Finish Coat provides for pleasingly textured and colored surfaces when used in conjunction with integral tinting and clear or colored sealers. The surface can also be carved or stamped in-place to further enhance the final aesthetic. The finished product is extremely hard with high impact. The fiber also provides high flexural strength and serves to reduce potential cracking. The coating can be applied from 1/16" up to 1/2" in thickness. The mix has excellent workability and bucket life. It may be sprayed, even using a hopper gun, or it may be trowel applied.

COMPONENTS

EarthBond Finish Coat is a two component bag mix, that when mixed together provides the markets' finest finish coat solution. Also, since you only need to add the liquid modifier to the ingredients pre-blended in the bag, it is the ultimate user-friendly application.

SURFACE PREPARATION

Remove all laitance, efflorescence, chemical contaminants, grease, oil, old loose paint, rust, algae, mildew, and other foreign matter (such as dirt and dust) that may serve as a bond breaker. The prepared surface must be clean and structurally sound.

The substrate must be 40°F and rising before installation and during the curing period (at least 48 hours). If applied over concrete or concrete block, a bonding agent may be used.

APPLICATION

Add one bag of the dry ingredients into the mixer and add one gallon of the modifier and mechanically mix to yield a lump-free flowable consistency. If necessary, up to an additional 32 oz. of water may be added to enhance flowability; however, this can increase cracking and decrease strength so this should be avoided unless necessary. Apply the coat via spray or with a hawk and trowel to desired thickness.

Follow recognized industry standards for flashing installation. Before the coating has dried, patterns may be stamped or stenciled into the finish surface. The coating may be integrally tinted to provide a contrast with finish coat that creates detailed or intricate grout lines in finished product and/or stained to add further interest.

LIMITATIONS

Do not allow **EarthBond Finish Coat Modifier** to freeze. Apply in temperatures between 40° and 100° F. This product should be applied by competent contractors experienced in its placement.