

ArtCrete 701

Fine Coat Pre-Blended Plaster



DESCRIPTION • *ArtCrete 701 Fine Coat Pre-Blended Plaster* is a High performance Portland cement fiber reinforced plaster applied in thickness of up to 20 mm commonly used as the final coat in two & three coat plastering.

USES • *ArtCrete 701* is suitable for use as a finishing coat on exterior and interior walls and facades ranging from residential to heavy commercial and industrial buildings. It is largely used as the final coat in two & three coat plastering for walls to receive paint as the final finish, and as a leveling coat for walls to receive tiling with a thin-bed adhesive. *ArtCrete 701* is also used for the production of fake rockery, waterfalls, theme parks, and concrete countertops & furniture. *ArtCrete 701* can be made to simulate the look of rock, stone, slate, brick, wood, ancient carvings, plantations, and virtually any figure that can be formed with rebar and wire mesh. The use of *TopCrete 220 Micro Topping Skim Coat*, *PaveCrete 300 Antique Release Agent*, and texture mats allows the creative mind to create fake rock formations impossible to distinguish from the real thing.

ADVANTAGES

- ✓ Fiber reinforced, crack resistant.
- ✓ Tougher as internal undercoat.
- ✓ Streamlines and improves building process.
- ✓ Greater economic advantages over site-mixed plaster.
- ✓ Extended working time.
- ✓ Pro-longed pot life.

TECHNICAL DATA

Compressive Strength / 28-Days	20 N/mm ²
Air-Dry Density	2.50 gm/cm ³

COVERAGE • Coverage depends on the texture, surface irregularities and roughness. Coverage of approximately 10 sq meters per 40 kg bag at 3 mm thickness is dominant.

SURFACE PREPARATION • *ArtCrete 701* is commonly applied on a base of *ArtCrete 700 Brown Coat Pre-Blended Plaster*. All bases should be sufficiently rigid, clean of any surface contamination that may prevent good suction. Dense, smooth surfaces, and those retaining excessive amount of form release agent can cause delamination of the plaster from the base. The use of metal or wire lath to the surface will eliminate this problem. High gloss surfaces, or those with low absorption, can be made more receptive to plaster

application by first applying a coat of *DashCrete - Splatter Dash Coat*.

Any painted or coated surfaces should be sandblasted or pressure washed to remove existing coating. The base should be straight, true to line, and plane. Misalignment of substrate can be corrected with *ArtCrete 700 Brown Coat Pre-Blended Plaster*, avoiding excessive and different plaster thicknesses within a single panel.

MIXING • Mixing should be completed by a mechanical method, preferably with a paddle type mixer. Drill mounted jiffy type mixers can also be used. Always add clean potable water first. Mixing duration should last for 3 to 5 minutes to insure proper material dispersion within the mix. The plasterer can best judge the required consistency depending on the desired finish, while observing its workability and the degree of bonding to the substrate. Typically, 7-10 liters of water are added to a 40 kg bag depending on the desired consistency.

APPLICATION • Whether *ArtCrete 701* is applied by hand or machine, sufficient force must be used to develop full and intimate contact with the substrate. The thickness of the plaster is set by the use of screeds and grounds filled with mortar, or randomly placed when shaping rock and figures. A rod can be used to even the surface, the rod can bear on the screed or contact the grounds and moved over the surface, cutting off high spots and showing hollow areas. Hollow areas can be filled again and rodded. *ArtCrete 701* can be applied in thickness from 5 mm to 20 mm, with a single application. In multiple consequent applications, *ArtCrete 701* can be applied in thickness up to 70 mm.

ArtCrete 701 can be finished and textured in many ways from smooth trowel finish to rock formation. The use of texture mats along with *PaveCrete 300 Antique Release Agent* can clone the look of antiqued rock formations almost impossible to detect. *TopCrete 220 Skim Coat* can be used to antique, tint, or color a hardened application to simulate the look of wood, trees, cracks, and land slides. Knives, trowels, and edgers can be used to carve textures, cracks, or artistic drawings.

CURING • Moist curing should be applied to the base coat, and continued until the application of the finishing plaster coat. Immediately after the finish coat hardens, the surface should be uniformly moist cured. If it is hot, dry and or windy, the plaster should be moistened and covered with polyethylene plastic sheeting.



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CLEANING • Clean all tools and equipment promptly with clean water.

STORAGE • Keep material covered to prevent exposure to moisture. Store in a dry area.

SAFETY PRECAUTIONS • KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. Portland cement based products present health hazards. Irritating to eyes and skin. Use in adequate ventilation and do not breathe dust. Use neoprene gloves and a dust mask when handling. FIRST AID: Eyes – Do not rub eyes, immediately flush with fresh water. Skin – Wash with soap and water. Inhalation – If experience difficulty breathing or if inhaled, move to fresh air. If symptoms persist, seek medical attention.

PACKAGING • 40 kg paper bags.

Creative Concrete Concepts

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