

ArtCrete 101

Spray Grout



DESCRIPTION • *ArtCrete 101 Spray Grout* is a flexible, acrylic/polymer modified, cementitious coating designed for spray application over plastic or paper stencils for vertical applications.

USES • *ArtCrete 101* is a highly durable, flexible coating for vertical applications, with outstanding resistance to weathering, ultra-violet radiation, and water exposure. *ArtCrete 101* may be applied over a variety of new and existing masonry and concrete surfaces. *ArtCrete 101* is typically applied over paper or plastic stencils to simulate the appearance of brickwork. *ArtCrete 101* is available in 40 standard colors and in fine, medium, and coarse textures.

ADVANTAGES

- ✓ Highly durable with outstanding resistance to weathering conditions such as heat and humidity.
- ✓ Highly elastic, bridging hairline cracks in the substrate.
- ✓ Adheres to a variety of surfaces.
- ✓ Easy to use.
- ✓ Economical solution for resurfacing and beautifying old masonry and concrete surfaces.
- ✓ High performance protection to substrates.
- ✓ Available in 40 standard and custom colors.
- ✓ UV resistant.
- ✓ Available in a variety of textures: fine, medium, and coarse.

COVERAGE • Coverage depends on the tools used for application, texture, surface irregularities and roughness. Coverage is approximately 10 sq meters per 35 kg bag at a 3 mm thickness.

LIMITATIONS • Do not mix or apply if ambient temperature is expected to drop below 5°C during installation or in the proceeding 24 hours, or if rain is expected in the proceeding 24 hour period after application. Do not mix or apply when ambient temperature is expected to exceed 35°C. Avoid working in direct sunlight. Temporary protection from weather and other damage must be provided at all times until entire job is completed.

SURFACE PREPARATION • *ArtCrete 101* is very compatible with concrete masonry and new concrete and can be applied on an array of bases: block, brick, plaster, gypsum board, and wood panels. 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.

High gloss, or low absorption surfaces can be made more receptive by sandblasting.

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 Ready Mix 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 color and 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, but care should be taken not to exceed 10 liters of water per 35 kg bag.

APPLICATION • *ArtCrete 101* is typically applied in conjunction with the use of paper or plastic stencils if a brickwork appearance is desired. The stencil must be installed and firmly fixed to the surface prior to the final application of *ArtCrete 101*. A continuous fine coat maybe applied prior to stencil application if a specific joint color is desired. *ArtCrete 101* is applied by spray, in thin layers of thickness 1 mm to 3 mm, depending on the texture needed. Spray from a wet edge to complete an entire unbroken area in one continuous operation. Apply the next layer after the first layer is slightly stiffened. Avoid over-application on dried, finished textured areas. Different texture can be achieved such as coarse, medium and fine.

CURING • *ArtCrete 101* is designed to be air cured only. Moist curing should be applied to the base coat only, and continued until the application of *ArtCrete 101*. The use of *A-Z 100 Curing Agent* is recommended when applying on surfaces permanently in contact with water.

SEALING • *A-Z Penetrating Sealer* is highly recommended to prevent moisture from penetrating the surface without disturbing the breathability of the surface. On surfaces permanently in contact with water, the use of *A-Z Hydroseal* is highly recommended.

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



STORAGE • Keep material covered and off the ground to prevent exposure to moisture. Store in a dry area away from direct sunlight. When stored under specified conditions and in original unopened packaging, shelf life is 12 months from date of purchase.

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 • 35 kg paper bags.

Creative Concrete Concepts

PO Box 925794, Amman 1110, Jordan; Tel +962-6-487-4078, Fax +962-6-488-9133 • PO Box 91234, City of Industry, CA 91715-1234, USA; Tel +1-909-266-0709, Fax +1-909-266-0711 • PO Box 31017, Sharjah, UAE; Tel +971-6-532-1119, Fax +971-6-532-8833