

ArtCrete 201

Venetian Plaster



DESCRIPTION • *ArtCrete 201 Venetian Plaster* is a plastering system composed of two components: *ArcCrete 201B Base Coat*, a heavy bodied compound for superimposing on the substrate prior to the application of the top coat; and *ArtCrete 201T Venetian Plaster Top Coat*, a decorative thermoplastic wall coating that creates a highly burnished surface simulating the look of “Old World” plastered walls.

USES • *ArtCrete 201* is used where a varnished appearance is desired. Available in a wide range of colors, *ArtCrete 201* simulates the look of “Old World” plastered wall. *ArtCrete 201* is applied over plastered walls, drywalls, and painted surfaces. *ArtCrete 201* is suitable only for interior walls and ceilings.

ADVANTAGES

- ✓ Smooth, sanitary, monolithic, void free surface.
- ✓ Minimum need for maintenance.
- ✓ Resembles marble finish.
- ✓ Durable and long lasting surface.
- ✓ Resists staining.
- ✓ Comes in many colors.
- ✓ Fire Resistant.
- ✓ Impacts, abrasion, scrub and scuff resistant.
- ✓ Acid and alkali resistant.
- ✓ High-build: 4-5 times thicker than conventional paint.
- ✓ Fungus and mildew resistant.

COVERAGE • Coverage depends on the texture, surface irregularities and roughness. For the base coat, *ArtCrete 201B*, coverage is approximately 10 sq meters per gallon at 8-15 mils thickness. For the top coat, *ArtCrete 201T*, coverage is approximately 9-12 sq meters per gallon at 8-15 mils thickness.

LIMITATIONS • FOR INTERIOR APPLICATIONS ONLY; exterior applications are not recommended with *ArtCrete 201*. Do not apply on substrates with moisture content greater than 3%. Not suitable for areas subject to water seepage or exposure to moisture. Do not apply in areas subject to temperatures exceeding 65°C. Concrete surfaces must be fully cured a minimum of 28 days. Do not apply on expansion joints or elastomeric caulking. Must be applied on structurally sound substrates free from release agents and efflorescence. Do not apply to bleeding surfaces such as tar or asphalt.

SURFACE PREPARATION • All bases should be sufficiently rigid, clean of any surface contamination that may prevent good adhesion. 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.

The base should be straight, true to line, and plane. Misalignment of substrate can be corrected with *ArtGrout 700 Brown Coat Ready Mix Plaster*, avoiding excessive and different plaster thicknesses within a single panel.

All cracks larger than hairline shall be considered as moving and must be repaired with *PatchCrete 102 Crack Filler*. All delaminated and splashed areas of concrete shall be repaired prior to application with *PatchCrete 101 Multi-Use Repair Mortar*. Remove all unsound concrete. Patches shall be flush with the surrounding surface and shall match the texture of existing surfaces.

Priming porous and absorptive surfaces with *A-Z PrimeBond* is highly recommended.

ArtCrete 201B must be applied to approved substrates such as plastered walls, drywalls, and painted surfaces. The surface must be flat, smooth, clean, dry and free from contamination, efflorescence, shutter release, and curing compound. Glossy paint surfaces can be plastered as long as the surface is sanded lightly to remove the sheen. Using steel trowels with very sharp corners can leave lines and scratch marks in the plaster; sand the corners with 100-girt sandpaper to round them over. Apply *ArtCrete 201T* only on a base of *ArtCrete 201B* after it has completely dried.

MIXING • Material is provided from the factory pre-mixed. Re-mixing is recommended prior to use in case of settlement of contents during storage.

APPLICATION • *ArtCrete 201B* is typically applied with a stainless steel finishing trowel and a hawk. The first coat is applied over all the wall surfaces in a random pattern. Press firmly in a half horseshoe-shape motion leaving a little excess plaster on the wall. Using the same motion scrape the excess plaster from the same area. Repeat the same process until the whole area is covered. Slightly overlap the previous trowel mark each time you make a pass with the trowel. With this finish, it is imperative to layer very smoothly, thus apply with one pass and take off with another, leaving the finish smooth on the wall. It will appear as if little material is left on the surface, but that is the goal: several, thin transparent layers. Since the layers are so thin, the plaster will dry in a short time. After the wall surface has been covered, run your hand over the wall. If you feel a nice, smooth finish, you have the right touch. If you feel any rough areas, sand

them lightly with 360-grit sandpaper. Each coat must dry for 4-6 hours at 25°C before applying the next coat.

Apply the next coat in the same manner as the first coat, with the exception of covering the whole surface. Leave small patches of the first coat exposed by covering only 80-90% of the surface. On this layer and subsequent layers, it is a good idea to stand back and examine the whole wall surface to be sure it is "randomly even". If you see areas with heavier applications than others, go back and layer more whenever necessary to even out the pattern.

ArtCrete 201T is applied using a hawk and standard 3"x10" stainless steel finishing trowel. After the base coat has dried for a minimum of 4-6 hours at 25°C, again working in smaller areas keep working the finish by removing all trowel marks and blemishes and moving on to the next area. Re-trowel the finish until it becomes smoother and shinier. It is possible to go from a low luster to a mirror finish by just trowelling. The more you work it with a trowel the shinier it will get.

It is advised that when doing Venetian Plaster for the first time, the same person apply all the coats in any given application. Do not stop in the middle of a wall or ceiling and try to resume at a later time. If more than one person is going to work in an area, they should work closely together and establish similar trowelling techniques. Two people should not work on the same wall until they have learned each other's trowelling techniques.

By layering with several processes, it develops a depth and richness in the finish that creates an almost three-dimensional look. The dark and light colors are used to give the plaster depth. Venetian Plasters do not have to be done in many layers; you can achieve a nice look with only three layers. Each coat must dry for 4-6 hours at 25°C before applying the next coat.

The final step is to polish the plaster. Start by using 1000-grit sandpaper and sand the plaster in circular motion. Continue working the surface with a circular sanding motion, staying in one area for a considerable amount of time. The longer you polish one area, the greater the sheen. Continue this process until you've finished the whole wall.

When sanding is completed, take a clean trowel and start burnishing the surface with one edge on the plaster and the other about one finger's width off the surface. Burnish the plaster both back and forth and up and down, being sure to get your shoulder into the motion, helping to keep the trowel firmly pressed against the surface. Continue this process over the entire surface until complete. Again, the more you burnish, the higher the sheen. Wax can be applied to produce extra sheen and to protect the wall with a clear finish

CURING • *ArtCrete 201* was formulated to be air cured only.

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

STORAGE • Keep material covered to prevent exposure to moisture. Store in a dry area away from direct sunlight. When stored are recommended conditions in original unopened container, expected shelf life is 12 months from date of purchase.

SAFETY PRECAUTIONS • KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. Irritating to eyes and skin. Use neoprene gloves 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 • 1 Gallon container and 5 Gallon pail for each of *ArtCrete 201B* and *ArtCrete 201T*.
