

Perma*Tone*[®]

QuartzSilco



PermaTone QuartzSilco®

Quartzsilco A texture finish ideal for creating a wide variety of elegant patterns including “knockdown,” orange peel, stomp and smooth. QuartzSilco is an acrylic finish formulated with integral coloring, silica fillers, and chemical additives. QuartzSilco is waterbased, environmentally safe, vapor permeable, highly mildew resistant, highly scratch and abrasion resistant, cleanable, and cost competitive with vinyl wall covering in commercial and hospitality applications.

RECOMMENDED USE

Interior commercial, hospitality, military, educational and residential wall applications. QuartzSilco is used as an alternative to traditional wall coverings such as vinyl, wallpaper, paint and textured drywall compound. It is ideal for use in high traffic areas and for mildew control applications. QuartzSilco may be applied over properly prepared drywall, CMU block, masonry, plaster or concrete.

COVERAGE

Each 5 gallon pail provides approximately 250 to 600 ft² of coverage, depending on the selected texture. Variations in substrate conditions and applicator technique and skill level will affect coverage.

PACKAGING

5 gallon pail: 66 lbs. net, 68.8 lbs. gross

COLORS

QuartzSilco can be tinted to match almost any color.

PROPERTIES

Drying Time:
Initial Set: 4 hrs. @ 70°F, 50% RH
24 hrs. @ 70°F, 50% RH
30 days @ 70°F, 50% RH

VOC Compliance

QuartzSilco complies with all known regulations limiting the Volatile Organic Compound (VOC) content of architectural coatings and sealers.

EQUIPMENT

Air compressor; hopper; knockdown blade; acrylic float; hawk; stainless steel trowel; knock-down blade; 1/4" nap paint roller; cotton towels. See the PermaTone Application Guide for information on equipment for specific textures.

APPLICATION

Surface Preparation Surfaces must be smooth, clean, dry, paint ready, and free of dust, grease or other materials that may affect bonding. Previously painted

surfaces must be scraped to remove all loose paint. Vinyl wall coverings and wallpaper must be removed along with any excess adhesive. Use CorevMix surface leveler to repair surface imperfections and to skim over adhesive residue. Prime with Pintufondo tinted to the desired base color. See surface preparation instructions specific to each texture and related support products in the PermaTone Application Guide.

Application Procedure

Spray Application QuartzSilco may be applied using a hopper gun, Goldblatt Pattern Pistol or similar, and an air compressor. The tip size and air pressure used to spray the finish will vary depending upon the selected texture. After the spray settings are determined, spray the finish and allow QuartzSilco to partially dry before texturing. This drying time will vary depending on the thickness of the coating and the ambient temperature and humidity. The tools used to texture the product determine the final appearance of QuartzSilco. In general, the material is partially flattened with a knockdown blade and later textured using an acrylic float held flat to the surface of the material. See the PermaTone Application Guide for application instructions for specific textures.

Other Applications

QuartzSilco is a homogeneous paste that can be applied with a wide variety of tools and techniques to produce an almost infinite variety of textures. Consult the PermaTone Application Guide for instructions on the most popular textures.

CLEAN-UP

Tools and overspray should be cleaned with water while QuartzSilco is still wet.

STORAGE

Store QuartzSilco in its original container at temperatures not less than 40°F (4°C) or greater than 110°F (43°C). Store out of direct sunlight. Do not stack pails more than three high.

SHELF LIFE

Approximately one year if stored properly.

MAINTENANCE

To clean, use a medium bristle brush and a mild soap and water solution. Please note that Fino and Light Damascus textures provide considerably lower coverage of QuartzSilco over the Pintufondo primed surface, and as such, offer considerably less resistance to scrubbing and cleaning.

These textures are therefore less suitable for environments where routine staining and cleaning is expected. Heavily soiled areas may be recoated with Pintufondo, with some alteration of texture, color and sheen. See Document PF-526 for additional information.

WARRANTY

QuartzSilco is conditionally warranted for 10 years against delamination, color fading, and mildew growth. This warranty does not apply to any party constituting a “consumer” for purposes of the Magnuson-Moss Warranty Act. All other warranties, whether expressed or implied, including without limitation any warranty of merchantability or fitness for purpose, are expressly disclaimed.

LIMITATIONS

- For use on interior wall and ceiling surfaces only.
- Patching limitations standard to applied coatings.
- This product requires skilled application.
- Surface air and substrate temperatures shall be 60°F to 85°F during application and for a period of 24 hours thereafter.
- QuartzSilco is not compatible with solvent-base products or cleaners.
- Use in well ventilated areas.
- Protect all adjacent surfaces (door frames, windows, etc.) adequately.
- Do not water down material.
- Do not apply over quickset joint compound.
- Prepare metal surfaces such as corner bead with rust inhibitors prior to application of QuartzSilco.
- Always wear appropriate eye and skin protection when using this product.
- Harmful if swallowed.
- Avoid constant moisture in the wall cavity behind the coating.

Information contained in this bulletin conforms to the standard detail recommendations and specifications for the installation of PermaTone products, is presented in good faith, and is applicable as of the date of this document. PermaTone assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project.



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