



Quartz Primer Exterior

Instructions Technical Data

KEEP OUT OF REACH OF CHILDREN. AVOID EYE CONTACT. SEEK IMMEDIATE MEDICAL ATTENTION IF INGESTED OR EXPOSED TO EYES. AVOID PROLONGED EXPOSURE TO SKIN. WEAR SAFETY GOGGLES AND GLOVES WHEN WORKING WITH QUARTZ PRIMER. REFER TO MATERIAL SAFETY DATA SHEET (MSDS) FOR ADDITIONAL HEALTH AND SAFETY INFORMATION. FOR MSDS (MATERIAL SAFETY DATA SHEET), VISIT SHOP.5STARFINISHES.CA

GENERAL

This primer is unlike other quartz primers as it serves as a primer and permanent binder in one; however, is based on entirely different binding protocols than our interior quartz primer system. This product contains special polymeric resins that will help to seal and consolidate your stucco brown coat, or other cementitious finishes. We also incorporate a fine marble powder and silica grain to act as a tooth that helps create an easy surface to trowel on and accepts and holds the plaster grains in place. Quartz primer is a low odor, low VOC PVA based primer specifically designed as a preliminary binder coat before lime and cement based plasters only for exteriors or heavy texture coats on interior walls. It can be applied on stucco brown coat, glass stucco, painted surfaces, acrylic stucco, brick, stone etc. For use on horizontal wall surfaces on exteriors where a permanent bond is required to your substrate. This product if applied as recommended should produce a permanent mechanical bond to your substrate and your base coat of plaster.

Very dry or old concrete-or any surface that is extremely porous-should be dampened prior to application of the diluted primer coat to reduce excessive absorption. Surface applied quartz primers are often applied over concrete masonry to equalize suction and prevent joints from shadowing through. The lime and or cement in the plaster will activate the primer and the two will form a bond that is permanent.

COVERAGE

Unprimed brown coat: Dilute product with 50-100% water and apply. Coverage 100-250sq/ft per l for one coat

Primed substrate or existing painted surface: No dilution. Coverage 50-100 sq ft/ per l for one coat

SUITABLE APPLICABLE SURFACES

Apply Quartz Primer only to surfaces that are free from wax, grease, oil, dirt, chalk, dust, mildew, etc., and do not have any loose or peeling paint.

Stucco Brown coat: Dilute product 50-100% with water, mix well, and apply to stucco. If the stucco is very dry, you can also wet the stucco surface first before applying the diluted primer. This primer can be rolled, brushed or sprayed with a tip that is large enough for an 80 mesh grit to pass through. Once the surface is dry, usually by the next day, you can apply a second layer of primer, undiluted, in a very thin layer, as to not fully seal the substrate, and to retain some breathability of the substrate. Always mix the product periodically to ensure the marble grains are in suspension.

Existing painted substrates and texture: If your walls are acrylic stucco painted or unpainted, glass stucco, rock stucco or regular brown coat painted etc, then always only use one coat of undiluted primer to ensure a good bond to your substrate. Pressure wash, scrape and agitate the surface to ensure all areas are sound and not peeling or delaminating, as this is the substrate for your new plaster that will be permanently bonded. If for any reason you feel the need for a second coat of primer, we suggest a very light application on the second coat. It is not necessary to fill texture, holes in acrylic stucco etc, as this will create too much of a sealed surface for the plaster to bind to.

If your surface is very rough, and if you are using one of our more coarse plasters, than we recommend using our coarse quartz primer for more tooth and adherence to your surface.

Preparatory work: Mask and protect adjacent surfaces and remove any and all dust from surface. Pressure washing is always the best option but a hose and a bristle brush could work in some circumstances. Always protect floors and surrounding areas as the primer does produce splatter due to the fine aggregates. Prepare your site as you would prior to installing acrylic stucco, and ensure all windows, frames etc are masked and covered with plastic prior to install. Protect all roofing, soffits and others areas that the primer could splatter on.

PRODUCT APPLICATION

This product can be rolled, brushed or sprayed if using a large enough spray tip to allow an 80 mesh grit to pass through. If spraying always back roll the product to ensure it is properly worked into the surface. If the primer is left to sit on the surface it may not bond properly. Our coarse primer cannot be sprayed. I recommend using microfiber roller covers at a 13mm size, as they hold the most amount of the marble sands and produce the best finish. You will find it difficult to roll with a standard roller cover as it will not hold the paint and aggregate the same. You never want to leave too much product in areas as a very thin even coat is desired. The diluted primer coat will run down your wall and could sit on the surface, but it will absorb and leave a strong consolidated surface once dry. If there is very little sheen after the primer coat this is a good sign that the product has absorbed. The second coat undiluted will leave more of a sheen, and this will be the primer on the surface that will react with the lime and cement plaster later to produce your permanent bond.

Please ensure you shake or stir this product prior to usage, and during the application phase to ensure the aggregate is properly suspended. This is especially important when diluting the first coat for drywall applications with water, as the product will become much thinner and the aggregate may come out of suspension. It is not important to have an even layer of aggregate on your first layer however, as the second coat will produce your working surface.

Apply only when the surface and air temperatures are between 50°F and 95°F. Do not apply under high humidity. Allow to dry until a firm film is formed, and the aggregate is strongly bonded within the primer. If too much marble is rubbing off the primer, it is still not correctly set.

Pot life: This product will begin to dry if left in the open for too long without being covered. Always keep a lid on your bucket, and cover trays and rollers etc that are not being used.

To order materials, find more tech information and install ideas please visit WWW.5STARFINISHES.CA.
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