



Building with conscience.

StoColor® Metallic

Application Guide

Facades



Interiors



StoColor® Metallic offers designers further flexibility and expands the already extensive creative options under the Sto umbrella with the ability to achieve a metallic panel look with a variety of color and texture options.



StoColor Metallic

Coating, full-surface, rolled or sprayed



Textured



Light Textured

Description	<ul style="list-style-type: none"> Two-component acrylic-based coating “system” designed to achieve a metal look.
Systems	<ul style="list-style-type: none"> StoTherm ci StoTherm ci XPS StoVentec Render Interior drywall surfaces (Non-Sto Product)
Products	<ul style="list-style-type: none"> StoColor Metallic Base StoColor Metallic Top Coat
Possible Color Shades	<ul style="list-style-type: none"> StoColor® System; LRV ≥ 20 for StoTherm® ci systems with EPS or XPS insulation. StoColor Metallic is available in 15 standard colors.

Note: Reference our StoColor Metallic color chart to view the standard colors.
 Refer to Product Bulletin for General Rules on applying metallic coatings and for a full list of Limitations.



3/8" (10mm)
 Nap Roller



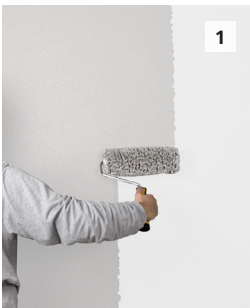
Sprayer

Please note that the details, illustrations, general technical information, and drawings contained in this brochure are only general proposals and details which merely describe the basic functions schematically. They are not dimensionally accurate. Applicator/customer is independently responsible for determining the suitability and completeness for the product in question. Adjacent works are described only schematically. All specifications and information must be adjusted or agreed in the light of local conditions and do not constitute work, detail or installation plans. The technical specifications and product information in the Product Bulletins and in system descriptions/approvals must be observed.



Application Steps

Over Sto Textured Finishes (1.0mm or heavier)



StoColor Metallic Base Application:
Apply 1 uniform coat by roller or spray at 6–8 WFT to the prepared surface. **Back roll** spray applications. Allow to dry between coats and apply a 2nd coat. Additional coats may be needed for desired look of the finished wall surface. Make the final pass on each coat with the roller so no lap marks are visible.



StoColor Metallic Top Coat application:
Apply with a 3/8-inch (10mm) nap roller in one or two thin coats. Apply additional thin coats if needed for desired look. Apply in a manner to evenly distribute the coating across the wall surface. Make the final pass on each coat with the roller so no lap marks are visible. Allow to dry 4–12 hours between coats.

Notes

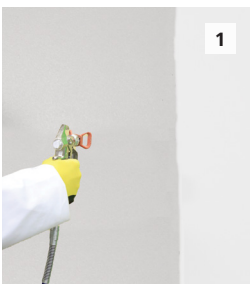
The color shade used here is StoColor Metallic Lancaster Nickel. To achieve this color you must use StoColor Metallic Base 37204 and StoColor Metallic Top Coat 301.

All surfaces must be coated with StoColor Metallic Base and **must be uniform in color** before coating with StoColor Metallic Top Coat.

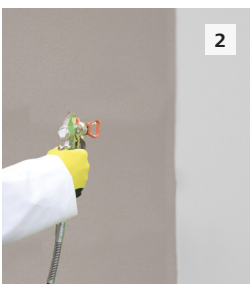
Exact color uniformity should not be expected. Shifts in color appearance should be anticipated when viewing from varying angles, distances, and lighting conditions.

Important: Thick application could result in non-uniform appearance. Multiple applications of StoColor Metallic Top Coats will affect final color.

Over Sto Light Texture or Smooth Finishes



StoColor Metallic Base Application:
Apply 1 uniform coat by spray at 6–8 WFT to the prepared surface. Allow to dry 4–12 hours. Apply a 2nd coat (and 3rd coat if needed) and allow to dry 4–12 hours between coats.



StoColor Metallic Top Coat application:
Apply by spray. Apply in a manner to evenly distribute the coating across the wall area. Allow 4–12 hours between application of StoColor Metallic Top Coat layers. Follow the same process for application of the first and any additional coats.



Notes and Tips

Basic information

Achieving good results requires a certain degree of skill and knowledge of the trade. A skilled finish application professional/artisan with previous metallic coating application experience is recommended.

Hand-held samples and sample surface areas

Smaller hand-held samples or sample surface areas are not suitable for providing an overall impression of an application technique on larger facade surfaces. For this reason, we highly recommend having a project-specific sample surface area created by the contractor. If scaffolding is required, this should be taken into account when creating the sample. The finished sample surface area should be approved by the site manager/building owner. It serves as the reference surface for the services commissioned.

Planning the work procedure and how the work is divided up

Before work commences, tasks such as the application, smoothing, texturing, or blowing in of effects should be allocated to designated tradespeople. Each coating process must be planned carefully, taking prevailing weather conditions into account; the necessary materials must also be prepared accordingly.

Uniform Color Application

Each and every surface finish and texture that is created by hand will necessarily bear the unique and individual “signature” of the tradesperson who worked on it. To ensure consistency, the structure or texture of a smaller facade area should be created by one and the same person wherever possible. Where large facade areas are concerned, individual application techniques can be combined by working closely in a team to ensure a harmonious appearance on completion.

Size of the area

When working on large facades, we recommend dividing the overall surface into smaller partial surfaces. This ensures reliable calculation and application as well as consistent results. For smooth applications, divide the wall area into discrete unobstructed panels of not more than 25ft² (2.3m²).

Scaffolding

The scaffolding must be appropriate for the trade processes being carried out and the techniques and tools used: take into account the spacing, the brackets, the projections, and the positioning and height of the scaffolding.

Weather protection

If the weather is unfavorable during the application and drying processes, appropriate protective measures (rain/solar protection, etc.) must be put in place. Apply at temperatures between 50 and 80 degrees F (10–29 degrees C). Do not apply over damp surfaces or during rain, hail, or snow events or if rain, hail, or snow is imminent. For a smooth metallic look, application in a temperature and humidity controlled interior environment is recommended.

Corner areas/connections

Connections and corner areas must be planned carefully. A different application technique might need to be selected for these areas. Not every technique will reach internal corners, for example.

Color

StoColor Metallic may cause substrate unevenness or textural differences in the finishing render, and the application effects may be more noticeable. Project-specific aspects of substrate heating and system compatibility should be considered from a technical point of view. The color shade must be balanced to suit the substrate and type of use.

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