



+Effect: Coating 30

Application guideline

Facade



Facade coatings

As a modular system, StoSignature offers a whole host of options for combining textures and additional effects. This system provides a platform for designing customised rendered facades. In the Effects category, textures can be customised to an even greater extent with colour Coatings or Granulates.

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. The applicator / customer is independently responsible for determining the suitability and completeness for the construction project in question. Neighbouring 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 included in the Technical Data Sheets and system descriptions/approvals must be observed.

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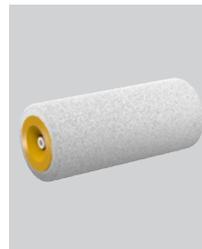
Coating, tooled and smoothed over the full surface



Performance grade 3



Description	With this technique, StoColor® Dryonic M is applied and smoothed on very smooth substrates.
Image on left shows	Texture: Fine 30 (substrate) +Effect: Coating 30
+Effect products used here	StoColor Jumbosil (37810M) StoColor® Dryonic M (37810M)
Alternative Effect products	–
Possible StoSignature Textures	Texture: Fine 30 (substrate)



Sto paint roller FIL short-pile
Art. no. 17800-022/
17800-023



StoCalce Marmorino Smoothing Trowel
Art. no. 08376-001/
08376-002 / 08376-003



Application of the system



1

As an example, this section describes the +Effect: Coating 30 on the StoSignature Texture: Fine 30 surface. (See application guideline for StoSignature Texture: Fine 30)



2

Use a short-pile roller to roll on a coat of StoColor Jumbosil in a criss-cross pattern.



3

Immediately after this and whilst the coating is still wet, use the StoCalce Marmorino Smoothing Trowel to tool and smooth the surface in a criss-cross pattern with short strokes.

Then leave to dry.



4

Use a short-pile roller to roll on a coat of StoColor® Dryonic M in a criss-cross pattern.



5

Immediately after this, use the StoCalce Marmorino Smoothing Trowel to smooth and texture StoColor® Dryonic M in a criss-cross pattern with short strokes.

Then leave to dry.



6

Use a short-pile roller to roll on another coat of StoColor® Dryonic M in a criss-cross pattern.



7

Immediately after this, use the StoCalce Marmorino Smoothing Trowel to smooth/texture the entire surface once again in a criss-cross pattern with short strokes. Leave the surface to dry.

Notes

Increased requirements to be met by the substrate (Metal 30).

For this technique with StoColor® Dryonic M, the substrate must be completely dry; otherwise, there is the risk of bubble formation in the coating build-up.

Maximum size of the surface area: 5 m².



Notes and tips

Basic information:

Achieving good results requires a certain degree of skill and knowledge of the trade, plus preliminary training in the relevant techniques.

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 allocating tasks/responsibilities:

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

Uniform execution:

Each and every surface finish and texture that is created by hand will necessarily bear the unique and individual “signature” of the tradesman 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 surface 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.

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 unfavourable during the application and drying processes, appropriate protective measures (rain/solar protection, etc.) must be put in place.

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.

Fine textured render surfaces:

Surfaces smoothed with float-finish, smoothing, or sanding require more complex substrate preparation than rough surfaces. Additional levelling measures must be taken as appropriate for the substrate.

Colour schemes:

Intense or dark colours make substrate unevenness, structural differences in the finishing render, and application effects much more noticeable. For this reason, we recommend a render texture \geq grain size 1.5 for facades in vibrant or dark colours. Project-specific aspects of substrate heating and system compatibility should be considered from a technical point of view. The colour shade must be balanced to suit the substrate and type of use.

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