

+Effect: Granulate 40

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.

Granulate 40

Fine-grained granulate, stirred into paint and applied



Performance grade 2



Description	With this technique, fine-grained granulates are mixed with a facade paint and brushed on.
Image on left shows	Texture: Fine 40 (substrate) +Effect: Granulate 40
+Effect products used here	<ul style="list-style-type: none"> • StoColor Metallic (37810M) • StoLook Ballotini (300 µm)
Alternative Effect products	---
Possible StoSignature Textures	<ul style="list-style-type: none"> • Texture: Fine 10/11/20/21/30/40 • Texture: Rough 1/2/30/40/50 • Texture: Linear 2/20 • Texture: Graphic 40/41/50



Sto-Malerwalze FIL Kurzflor



Sto-Flächenstreicher Orel®-Mix

The above mentioned products and tools are examples and other substitutes may be used. Please be aware of possible changes in result.



StoLook Ballotini



Application of the system



1

The +Effect: Granulate 40 is explained here using the StoSignature Texture: Fine 40 surface as an example.
(Refer to the StoSignature Texture: Fine 40 application guideline on this.)
Other textures are possible.



2

Apply StoColor Maxicryl to the substrate once or twice in the matching StoColor Metallic substrate colour shade using a short-pile roller.



3

Stir 30 % StoLook Ballotini 0.3 into StoColor Metallic. Brush material onto the surface with the Sto-Flächenstreicher Orel®-Mix in criss-cross strokes. Leave to dry.



4

Brush another mixture of StoColor Metallic and 30 % StoLook Ballotini onto the surface with the Sto-Flächenstreicher Orel®-Mix in criss-cross strokes. Leave to dry.

Notes

Even for the undercoat, StoColor Maxicryl must be ordered in the corresponding StoColor Metallic colour shade.

Individual surface results can be achieved by using different brushes and texturing directions.

Calculation aid (non-binding):

Contractor must perform the calculation on a project-specific basis; the creation of test surfaces and reference surfaces is recommended.



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 tradespeople. Each coating process must be planned carefully, taking prevailing weather conditions into account; the necessary materials must also be prepared accordingly.

Simultaneous execution:

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 surfaces 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 area into smaller partial surface areas. 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:

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, textural 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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