

+Effect: 2.Texture Partial

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.



2.Texture Fine 40 Partial

Render, applied to parts of a surface



Performance grade 3



Description	With this technique, free-hand render spotting is applied to parts of an existing surface.
Image on left shows	Texture: Fine 40 (substrate) +Effect: 2.Texture Fine 40 Partial
+Effect product used here	• Stolit® MP (AC 16282)
Alternative Effect products	• StoSilco® MP; Stolit Milano® • Further products are possible depending on the project
Possible StoSignature Textures	• Texture: Fine 40 • Texture: Rough 1/2/10/30 • Texture: Linear 2/10/20 • Texture: Graphic 40/41/50



Sto-Finishing Trowel Profi



Sto-Klett-Trägerbrett ohne Belag

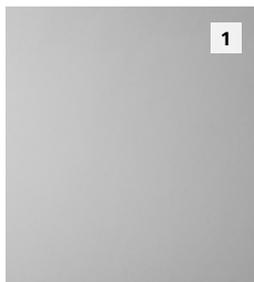


Sto-Latex Sponge, plastic

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



Application of the system



1

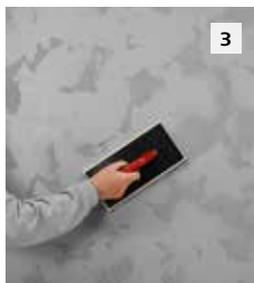
The +Effect: 2.Texture Fine 40 Partial is explained here using the StoSignature Texture: Fine 40 surface as an example.

Other textures are possible.



2

Apply the finishing render, in this case Stolit® MP, as a flat, open spotted coating. The material is applied to parts of the surface and smoothed by holding the Sto-Finishing Trowel at a flat angle and without using the edges. This creates render spotting which is irregularly shaped.



3

When the spot-smoothed finish has dried a little, use a slightly damp Sto-Latex Sponge to smooth it in circular movements, applying light pressure. Level the ridges and tips and smooth the surface.
Leave the surface to dry.

Note

To ensure consistency, the texture/structure should be created by one and the same person wherever possible. Where large facade surfaces are concerned, it is possible to combine individual "signatures" on the surface by working closely in a team. This will ensure a homogeneous appearance on completion.

Calculation aid (non-binding):

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

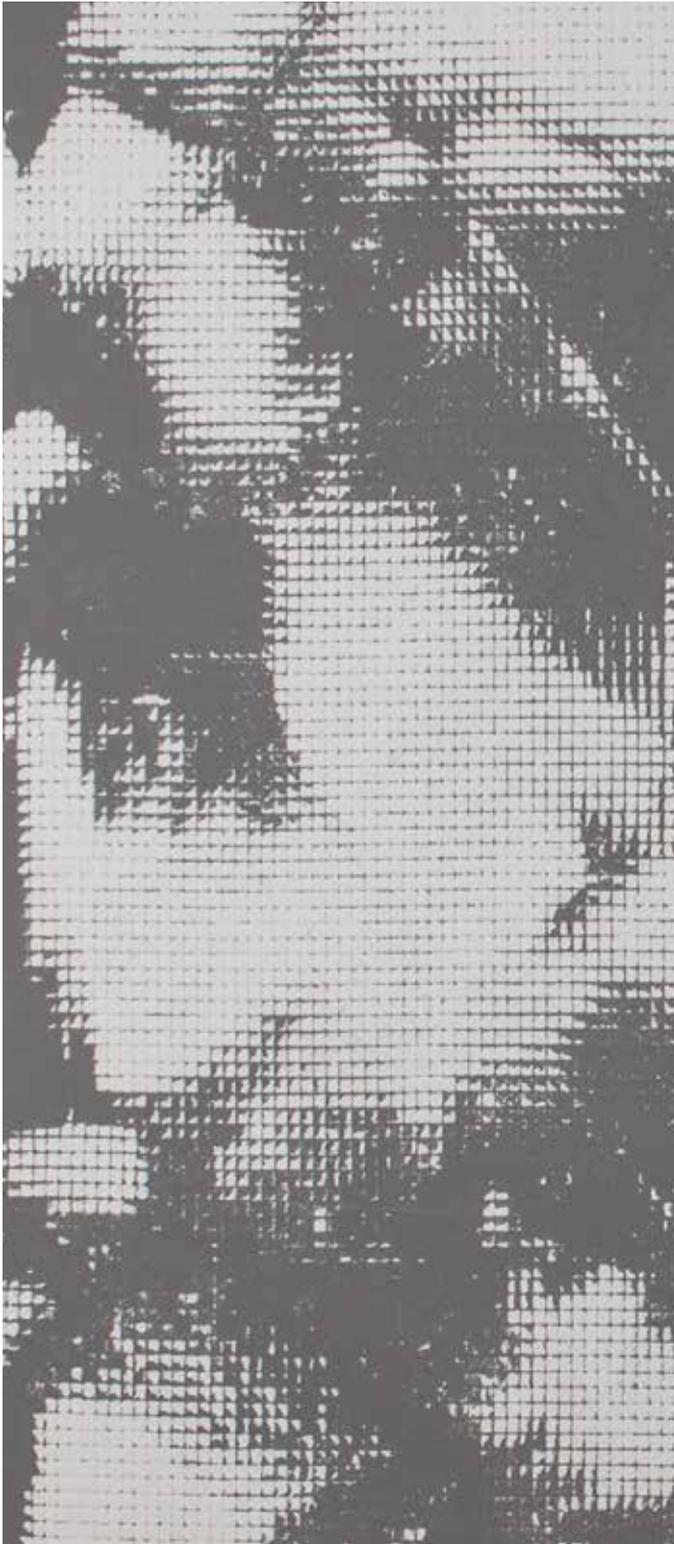


2.Texture Graphic 40 Partial

Render, applied over mesh to parts of a surface



Performance grade 3



Description	With this technique, free-hand render spotting is applied to parts of an existing surface over a mesh.
Image on left shows	Texture: Fine 40 (substrate) +Effect: 2.Texture Graphic 40 Partial
+Effect product used here	• Stolit® MP (AC 16282)
Alternative Effect products	• StoSilco® MP; Stolit® Milano • Further products are possible depending on the project
Possible StoSignature Textures	• Texture: Fine 40 • Texture: Rough 1/2/10/30 • Texture: Linear 2/10/20 • Texture: Graphic 40/41/50



Sto-Finishing Trowel Profi



Sto-Glass Fibre Mesh G

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



Application of the system



1

The +Effect: 2.Texture Graphic 40 Partial is explained here using the StoSignature Texture: Fine 40 surface as an example.

Other textures are possible.



2

Apply the finishing render, in this case Stolit® MP, as a flat, open spotted coating onto the Sto-Glass Fibre Mesh G. The material is applied to parts of the surface and smoothed by holding the Sto-Finishing Trowel at a flat angle and without using the edges. This creates render spotting which is irregularly shaped.



3

Immediately remove the mesh from the still fresh finishing render as perpendicular to the surface as possible. Leave the surface to dry.



4

Optionally, lightly sand the surface after it has dried to knock off the tips.

Note

Alternatively, other meshes with different mesh widths can also be used.

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.

Contact us

Sto Scandinavia AB

Box 1041

581 10 Linköping

Address:

Gesällgatan 6

582 77 Linköping

Phone +46 13 37 71 00

kundkontakt@sto.com

www.sto.se

