



Building with conscience.

StoSignature™ Impression: Brick 10 Brick 20 Brick 30

Application Guide

Facades



Achieve the timeless aesthetic of brick in a wide variety of customizable colors, sizes and textures. StoSignature™ Impression Brick makes it easy to create your own custom brick surface.

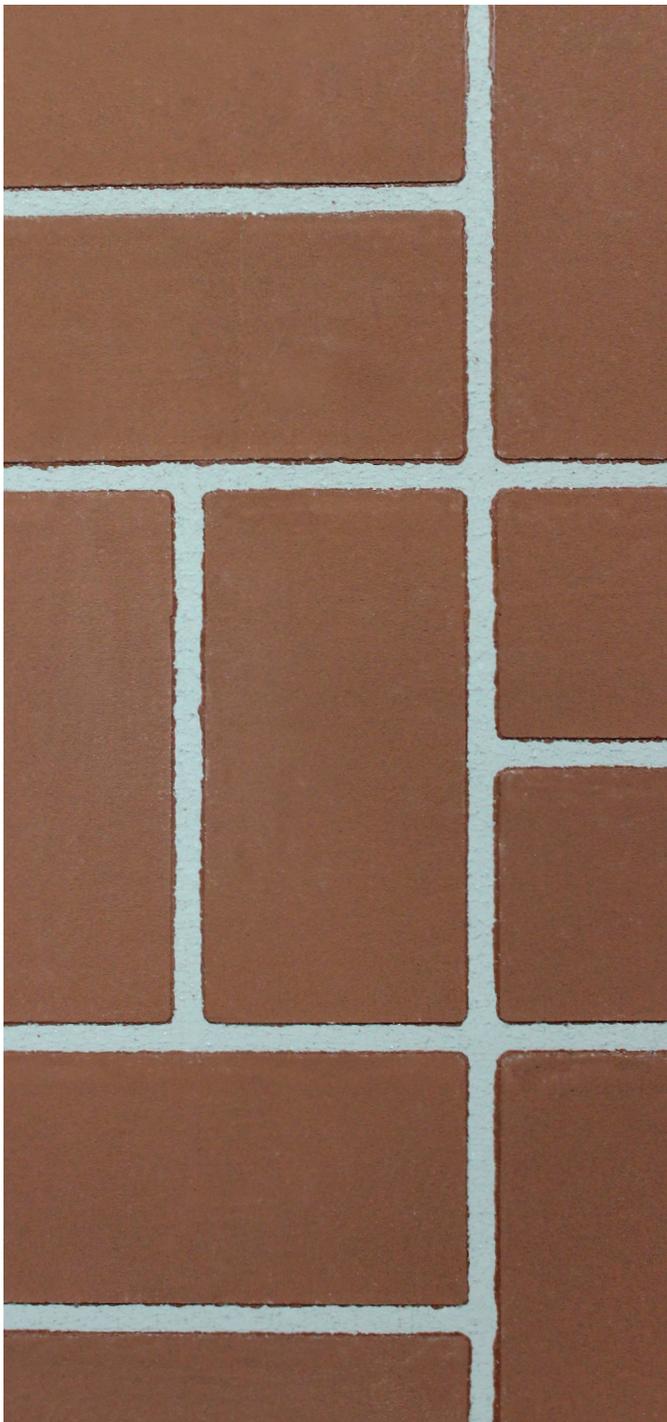


Impression: Brick 10

Smooth brick look.



Skill Level 3



Surface Description

Description	• Fine textured finish with a smooth brick appearance.
Product	• Stolit® Freeform
Supplementary Products	• StoPrime® UV
Possible Color Shades	• StoColor® System; LRV \geq 20 for StoTherm® ci systems with EPS or XPS insulation The minimum permissible light reflectance value depends on the substrate, the system, and the product.



Stainless Steel Trowel



Sponge

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 Technical Data Sheets and in system descriptions/approvals must be observed.



Application Steps

Impression: Brick 10

Smooth brick look.



1 Apply StoPrime® UV over the basecoat. The primer is designed to remain exposed to open weather and will ultimately appear as mortar joints in the finished design. Allow to dry.



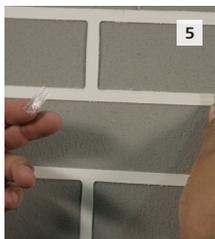
2 Prior to placing the stencils, snap guidelines to ensure proper alignment, paying close attention to rough openings, corners and other details to achieve a final consistent appearance.



3 Once the wall surface is properly laid out, remove the adhesive tape from the stencils and apply them to the surface in their designated positions.



4 Pass over the stencils with a paint roller and a PVC sleeve to help smooth out the stencil. Take caution if using a trowel as it may damage the stencil.



5 Where stencils abut one another, use appropriate sized reinforced masking tape to secure and hold the individual stencils in position to achieve the desired effect.



6 When applying Sto Finish trowel in all four directions to ensure the stencil cells are properly filled.



7 Once the cells are completely filled, trowel horizontally along the mortar joints to ensure an even surface. Make sure to align the trowel on the mortar joint.



8 Optional: when the finish is partially dry, a damp soft sponge can be used to create a fine finish.



9 When the finish is completely dry, carefully remove the stencil to avoid damaging the finish.



10 If necessary, excess finish may be carefully removed with a flat scraper.

Notes

The brick color shade used here is 32441.

Use project-related mock-up to verify proper means and methods of application, material coverage rates, and details with other construction components. Other StoSignature techniques may be used to enhance the aesthetic appearance.



Impression: Brick 20

Striated brick look.



Skill Level 3



Surface Description

Description	• Fine textured finish with a grooved appearance.
Product	• Stolit® R1.5 or Sto Essence Swirl
Supplementary Products	• StoPrime UV
Possible Color Shades	• StoColor® System; LRV ≥ 20 for StoTherm® ci systems with EPS or XPS insulation The minimum permissible light reflectance value depends on the substrate, the system, and the product.



Stainless Steel Trowel



Plastic Float

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Application Steps

Impression: Brick 20

Striated brick look.



1 Apply StoPrime UV over the basecoat. The primer is designed to remain exposed to open weather and will ultimately appear as mortar joints in the finished design. Allow to dry.



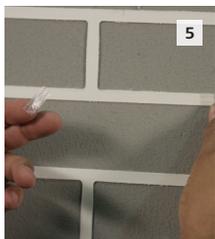
2 Prior to placing the stencils, snap guidelines to ensure proper alignment, paying close attention to rough openings, corners and other details to achieve a final consistent appearance.



3 Once the wall surface is properly laid out, remove the adhesive tape from the stencils and apply them to the surface in their designated positions.



4 Pass over the stencils with a paint roller and a PVC sleeve to help smooth out the stencil. Take caution if using a trowel as it may damage the stencil.



5 Where stencils abut one another, use appropriately sized reinforced masking tape to secure and hold the individual stencils in position to achieve the desired effect.



6 When applying Sto Finish trowel in all four directions to ensure the stencil cells are properly filled.



7 Once the cells are completely filled, trowel the finish to the thickness of the aggregate size. Float the finish with a plastic trowel in a vertical motion to achieve the striated look.



8 When finish is completely dry, carefully remove the stencil to avoid damaging the finish.



9 If necessary, excess finish may be carefully removed with a flat scraper.

Notes

The brick color shade used here is 32441.

Use project-related mock-up to verify proper means and methods of application, material coverage rates, and details with other construction components. Other StoSignature techniques may be used to enhance the aesthetic appearance.

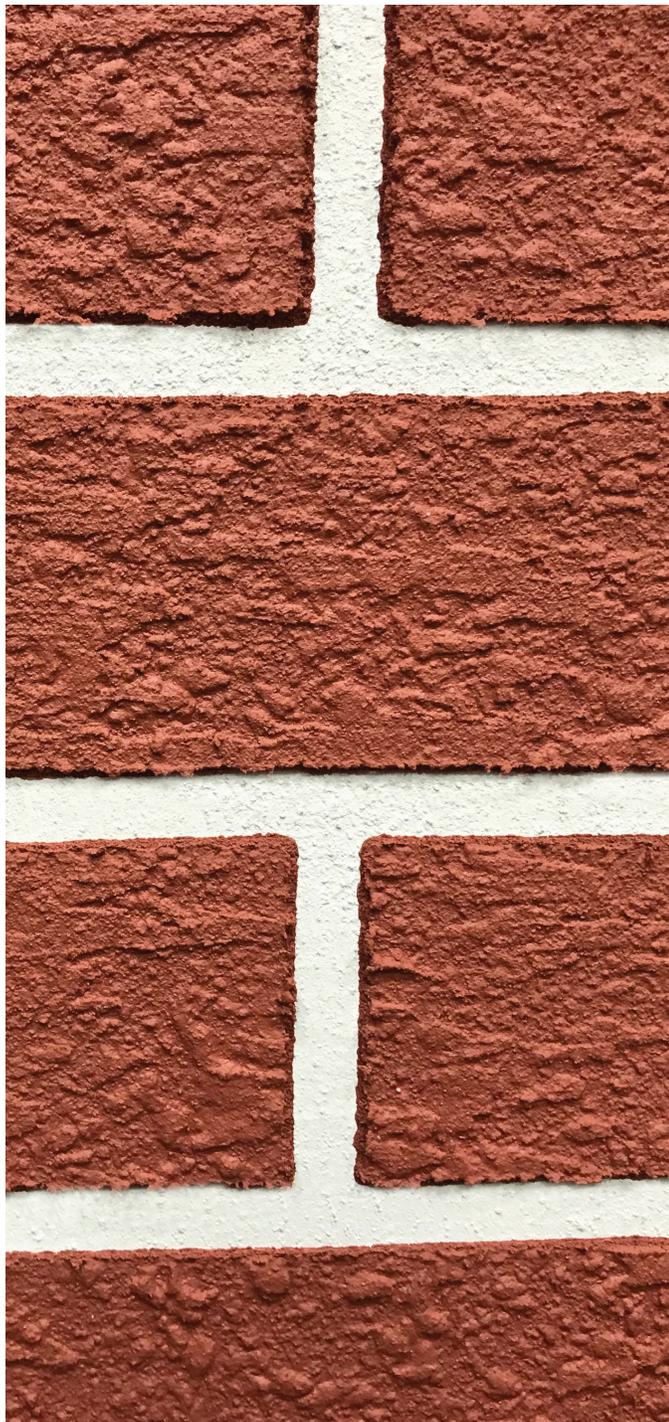


Impression: Brick 30

A coarser, knockdown brick look.



Skill Level 3



Surface Description

Description	• Textured finish with a coarser knockdown brick look.
Product	• Stolit® Freeform
Supplementary Products	• StoPrime® UV
Possible Color Shades	• StoColor System; LRV ≥ 20 for StoTherm ci systems with EPS or XPS insulation The minimum permissible light reflectance value depends on the substrate, the system, and the product.



Stainless Steel Trowel



Knockdown Trowel



Hopper Gun



Textured Roller

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Application Steps

Impression: Brick 30

A coarser, knockdown brick look.



1 Apply StoPrime UV over the basecoat. The primer is designed to remain exposed to open weather and will ultimately appear as mortar joints in the finished design. Allow to dry.



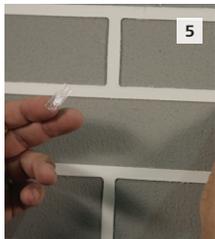
2 Prior to placing the stencils, snap guidelines to ensure proper alignment, paying close attention to rough openings, corners and other details to achieve a final consistent appearance.



3 Once the wall surface is properly laid out, remove the adhesive tape from the stencils and apply them to the surface in their designated positions.



4 Pass over the stencils with a paint roller and a PVC sleeve to help smooth out the stencil. Take caution if using a trowel as it may damage the stencil.



5 Where stencils abut one another, use appropriately sized reinforced masking tape to secure and hold the individual stencils in position to achieve the desired effect.



6 When applying Sto Finish trowel in all four directions to ensure the stencil cells are properly filled.



7 Once the cells are completely filled, trowel horizontally along the mortar joints to ensure an even surface. Make sure to align the trowel on the mortar joint. Allow the finish to dry.



8 Apply a second coat of the finish with a hopper sprayer or suitable spray equipment. Optionally, the second coat of finish may be applied with a trowel, then stippled using a trowel or textured roller. Once the finish is partially dry, smooth the finish in a horizontal or vertical manner with a knockdown trowel to achieve desired texture. Allow the finish to dry.



9 Slowly remove each covered stencil, taking care to avoid damaging the finish that has been applied over it.



10 Use a flat scrap to remove any excess finish from unclean edges.

Notes

The brick color shade used here is 32441.

Use project-related mock-up to verify proper means and methods of application, material coverage rates, and details with other construction components. Other StoSignature techniques may be used to enhance the aesthetic appearance.

Notes and Tips

Optional technique: Using Color Partial added aging can be done.

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 samples are not always suitable for providing an overall impression of an application technique on larger facade surfaces. For this reason, we highly recommend having the contractor prepare a mock up sample. If this work requires scaffolding, this should be taken into account when creating the sample. The finished sample area should be inspected and accepted by the site manager/building owner. The area provides a reference surface for the contracted service.

Planning the work procedure and how the work is divided up:

Before starting the work, determine who will carry out which tasks such as applying, smoothing or texturing. Carefully plan each coating process, taking into account the weather conditions, and prepare the relevant material.

Uniform Application:

When tradesmen create facade textures or structures, it is important to remember that each tradesman has his or her own signature style. For smaller facade surfaces, if possible same person should create the structure or texture, in order to prevent discrepancies. On large facade surfaces, an experienced team may combine individual application techniques to produce an end result that has a harmonious appearance.

Size of the area:

For large facades, we recommend dividing the surface to be created into smaller partial areas. This ensures that calculations and execution are reliable, and that good application results will be achieved.

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, it is necessary to put in place appropriate protective measures (rain/solar protection, etc.).

Corner areas/connections:

Carefully plan connections and corner areas. It may be necessary to use a different application technique in these areas. Not every technique is suitable for use up into internal corners, for example.

Areas with fine textured finish:

Float-finishing, smoothing, or sanding smoothed textures requires more extensive substrate preparation than in the case of rough textures. Additional measures for levelling out the substrate may be required depending on its nature.

Color schemes:

Intense or dark colors will emphasize uneven areas of the substrate, textural differences in the finish, and any other effects caused during application. For this reason, a coarser finish texture (aggregate size >2.0) is recommended for facades with intense colors or dark tints. It is important to observe project-related aspects from a technical perspective such as substrate warming and system compatibility. The color shade must be balanced to suit the substrate, system and type of use.

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