

Fine marble plaster technique – formed concrete look

Marmor-Feinputztechnik Schalbetonoptik

with Creativ Sentimento 78 for even, smooth surfaces
with a formed concrete look and slightly glossy effect



The figure shows a variant of the creative technique in formed concrete look with even, smooth surfaces and gives an impression of the surface effect which can be achieved. There is no guarantee that the exact color will be reproduced.

Substrate: smoothly filled and primed

Intermediate coat: Adhesion Primer ELF 3720, color shade 12.03.12

1st Decorating step: Creativ Sentimento 78, color shade 12.MI.06 *

2nd Decorating step: Creativ Sentimento 78, color shade 12.MI.06 *

* Refer to the "Concrete color shades" note for suggestions of typical concrete color shades

Characteristics

Lime-based construction materials have a long tradition. The natural raw material lime is also becoming increasingly popular for creative wall design due to its positive properties. Creativ Sentimento 78 can be used to produce customized surfaces with a uniform, smooth, formed concrete look. After drying, the surfaces have an iridescent surface effect with siliceous highlights. A uniform, smooth surface with a formed concrete look is achieved in this implementation variant.

Field of application

To produce high-quality, decorative designs with a formed concrete look on interior wall surfaces. Primarily for a creative wall design across large areas. Can be used in dry interior areas without exposure to moisture.

Implementation

Substrate condition

The substrate must be solid, dry, clean, load-bearing, uniformly absorbent across the entire wall material surface, and be prepared and suitable for the subsequent creative technique.

Filling and priming

Careful filling with, e.g., a Mineral Hand Applying Light Filler 1886 is required to create high-quality creative techniques with Creativ Sentimento 78. Subsequently, prime the sanded, dust-free surfaces with Lacryl Deep Penetrating Primer ELF 595.

Intermediate coat

If necessary, apply Adhesion Primer ELF 3720, white or tinted depending on the implementation, with the Microfiber Paint Roller 1221 ensuring that it covers the entire surface without texture. Lightly sand the surfaces, as required. The given substrate situation is decisive for the 'necessity' of an "intermediate coat". Follow the instructions in the "Creativ Sentimento 78" Data Sheet.

1st Decorating step

Apply Creativ Sentimento 78 uniformly across the entire surface without flaws in a thickness of 1 grain with the Venetian Trowel 1764. Pre-smooth the wet layer in a criss-cross pattern or vertically with the trowel depending on the implementation. Apply only moderate pressure to avoid stripping off the fine plaster surface completely. After an adequate flash-off period (as soon as the still damp surface has become sufficiently firm), remove unevennesses such as burrs by smoothing with the Venetian Trowel 1764 in a criss-cross pattern.

The duration of the flash-off period (curing process) may vary depending on the object conditions.

A longer flash-off period of approx. 30 minutes may also be required before the smoothing process for the first application of Creativ Sentimento 78 on hardly or non-absorbent substrates, e.g., surfaces primed with Adhesion Primer ELF 3720. Mechanically ablate the surfaces slightly after drying, e.g., with the Surface Filler Knife 1346, as required, so that coarse unevennesses and burrs are removed. The surfaces may also be sanded slightly with the Festool Rotex RO 150 E-Plus 3247 including dust extraction with a machine using coarse sand paper (grain size of 100), as required.

Application in partial areas and design elements (optional)

After the first decorating step has been completed, the creative technique may be applied either to the entire surface without interruptions or for a more realistic presentation of a concrete surface in individual partial areas. Design elements such as lettering, ornaments or free forms can also be integrated into the creative technique. Further implementation variants are described under "Notes".

2nd Decorating step

After drying, a second coat of Creativ Sentimento 78 is applied with the Venetian Trowel 1764 in a thickness of 1½ grains as described for the first decorating step. After a brief controlled flash-off time (depending on the object conditions), texture the still slightly damp render surface in a streaky manner with the Cellular Rubber Float 1099. Pre-smooth the surfaces almost completely under slight pressure in a criss-cross pattern or vertically with the Venetian Trowel 1764 immediately afterwards to produce an even and smooth formed concrete look so that the porosity of the surface is closed to the greatest possible extent. A few pores should be retained across the entire surface (approx. ¼ of the whole surface) to achieve a realistic effect. After an additional flash-off period of approx. 30 minutes (as soon as the still damp surface is stable enough), smooth the surface as described above so that any existing ripple-like structures are removed.

Compacting (Compressing)

After a short flash-off period and approx. two-thirds of the worked surface has surface-dried to a light and dark appearance ("spotted" surface), the compression procedure must be initiated. The compression procedure is performed only with the edge of the Effect Trowel 1155. The edge of the trowel is drawn across the surface unsystematically in a criss-cross pattern from the bottom to the top with increased contact pressure.

This reinforces the typical shading of materials and the degree of gloss of the surface. Depending on the intensity of the compression, the siliceous mica is clearly emphasized, and the typical glossy effect is created.

Polishing surfaces (optional)

The surfaces can be pre-polished after drying with abrasive discs with a grain size of 2,000 and repolished with a grain size of 4,000, as required. The surfaces are given a smoother and more even gloss by means of additional polishing with fine abrasive discs. The additional compression with the fine abrasive discs significantly reinforces the effect of a subsequent impregnation even more.

Impregnation (optional)

After hardening is complete, the surfaces can also be impregnated. The impregnation of the surfaces with Creativ Hydro Impregnating Agent 81 reduces the absorbency and makes the surface less sensitive to the short-term impact of water. Application techniques with a non-compressed surface also undergo minor surface compaction. Follow the instructions in the "Creativ Hydro Impregnating Agent 81" Data Sheet.

Notes**Strips of masking tape**

The surfaces should preferably be remasked for each work step. Only attach strips of masking tape directly before each decorating step and remove them immediately afterwards.

Concrete color shades

The 99.MI.09, 99.MI.06, 12.MI.06, 03.MI.12 and 03.MI.09 grey color shades are especially suitable as typical concrete color shades for applying the fine marble plaster technique with a formed concrete look according to the "Creativ Mineral Wall Design" Color Card.

Surface application without surface division

To create contiguous areas without division, the implementation must be performed as follows. Treat the entire surface in individual vertical, irregular, floe-like fields. These fields must be applied one after the other wet in moist without any gaps (overlapping). The treatment of the surface, for example, begins in the top left corner. Apply and texture Creativ Sentimento 78 rapidly in the form of a vertical "floe" in the size of approx. 60 cm x 40 cm as described for the second decorating step. Apply the next partial area in the form of floes above and below this "floe". They are all implemented in vertical strips. In the process, shape the strip edges unevenly and connect them to one another so that they are overlapping. This variant requires teamwork. The strips must generally be applied wet in moist. Surface-drying of the edges must be avoided.

**Implementation in partial areas
(Representation of individual
concrete slabs)**

The realistic presentation of a concrete surface is also supported by dividing it into partial areas. An authentic division should be implemented in large cuboid surfaces in portrait format (e.g. as representation of individual concrete slabs). Calculation in accordance with the "golden ratio", simplified in a ratio of 5:8, is suitable for a harmonious surface design. Carefully draw the division with a pencil after the first decorating step and mask the individual joints to the partial areas with Tesaflex Fine Line Tape 3008 at 3 mm or 6 mm. Remove the masking tape after the completion of the second decorating step. from the still damp surface. This also applies to the design with, e.g., inserted lettering.

A particularly certain procedure is to treat the partial areas individually and completely. Mask the partial area to be treated with Tesa Masking Tape Profi Plus 4306 plus Tesakrepp 4306 to form precise contours. After the partial area has been treated, remove the masking tape and mask the connections (joints) to adjacent partial areas with Tesaflex Fine Line Tape 3008 at 3 mm and additionally with Tesa Masking Tape Profi Plus 4306 to again form precise contours. Only attach strips of masking tape directly before each filling procedure and remove them immediately after the treatment.

Chamfering edges

Before compressing the surfaces, the edges on the sides of the partial areas can be chamfered (broken) with the Dual Sanding Block 1353. Apply the sanding block at an angle of 45° and break the still "damp" edge.

**Additional design elements
(optional)**

Lettering, ornaments and free forms can be integrated into the surface as additional design elements by masking. After completing the first decorating step, mask the element to be designed with masking tape, e.g., Tesa Masking Tape Profi Plus 4306, Tesaflex Fine Line Tape 3008 or a suitable moisture-resistant plotter film on the dry first layer. Remove any fine unevennesses beforehand and smooth the masking tape slightly with a soft cloth. After completing the second decorating step, remove the masking tape carefully from the "damp", but stable surface. The design elements become apparent after completion in relief and can also be visually enhanced by choosing a lighter or darker color shade for the completion of the first decorating step.

The surfaces can also be decorated with, e.g., imprints of tree leaves or wall anchor imitations. These structures are worked into the surface during the second decorating step after the first smoothing procedure. The embossing procedure involves tree leaves being laid on the surface and pressed onto the still damp render layer with the Metallico Trowel 1124. Remove the leaf again carefully after the embossing procedure. "Wall anchors" can also be outlined in the still damp render layer.

A visual, ring-shaped marking can initially be imprinted in selected areas with the open handle side of the Paint Roller Handle 1419. Immediately afterwards, position the top of the Bucket Trowel 3782 handle in the center of the round marking and create an indentation by pressing it lightly and rotating it.

Assessment of test areas

The description of how this technique is performed is a tried-and-tested standard method which can be modified and expanded according to the user's own creativity.

The overall appearance of a creative technique is determined by the color shade selection, the relevant application of the technique and the individual style of the user. We recommend performing an assessment of the overall appearance based on test areas.

Further information

For further product information, read and follow the instructions in the Data Sheets of the products to be used.

Remark

This information is based on years of practical experience. Its content does not constitute a contractual legal relationship. All information has been translated from the German version. The user is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition our Terms of Conditions and Payment apply.

When a new version of this Data Sheet is published, the previous version no longer applies. The current version is available on our website. Version II

Brillux
Weseler Straße 401
48163 Münster
GERMANY
Phone +49 251 7188-0
Fax +49 251 7188-105
info@brillux.de
www.brillux.com

List of materials and tools

Fine marble plaster technique formed concrete look with Creativ Sentimento 78

• Filling and priming the substrate

Material/Tool	Consumption
Mineral Hand Applying Light Filler 1886	approx. 1.0 l/m ²
Lacryl Deep Penetrating Primer ELF 595	approx. 150–200 ml/m ²

Intermediate coat

Adhesion Primer ELF 3720	approx. 130 ml/m ²
Microfiber Paint Roller 1221	

• 1st Decorating step

Creativ Sentimento 78	approx. 750 g/m ²
Venetian Trowel 1764	

• Division in partial areas (optional)

Tesa Masking Tape Profi Plus 4306	as required
Tesaflex Fine Line Tape 3008	as required

• 2nd Decorating step

Creativ Sentimento 78	approx. 1000 g/m ²
Venetian Trowel 1764	
Cellular Rubber Float 1099	

• Compacting (compressing)

Effect Trowel 1155	
--------------------	--

• Polishing (optional)

Abrasive discs with grain sizes of 2,000 and 4,000.	
---	--

• Impregnation (optional)

Creativ Hydro Impregnating Agent 81	approx. 120-150 ml/m ²
Block Brush, oval 1175	

• Additional material (for ablation)

Surface Filler Knife 1346	
---------------------------	--