

BETON *Stunter*



Operation manual

Betonstunter

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Surface and preparation

Betonstunter wishes you a lot of job satisfaction! Before you start your concrete project is strongly recommended to first perform a control. This means: testing the delivered concrete (next page) and making a sample. It is recommended to make a sample with 312,5 grams of concrete, add 1/4th of the color of the color card.

This sample can be used to assess the delivered color (must be assessed dry) before you start your project, any production errors are highlighted before you start working. If the inspection and sample are not performed, no claim can be made for an incorrect color.

The substrate must be dry, load-bearing, stable and free of all substances that could adversely affect adhesion. Furthermore, the substrate must be wallpaper-ready and evenly colored. Betonstunter concrete is a concrete look with a seamless finish. Any subsequent crack formation in the substrate will therefore become visible in the finish. If this risk exists, it is recommended to apply a crack-bridging mortar with a reinforcement mesh to the substrate. Seamless finishes are always vulnerable at the corners, therefore it is recommended to round off all internal and external corners with reinforcement mesh or corner profile.

Processing conditions

The relative humidity of the air must be less than 70% and the temperature of the room must be between 15°C and 25°C. The temperature of the surface to be treated should be at least 15°C, also the temperature of the surface should be at least 3°C above the dew point to prevent condensation. The minimum curing temperature is 15°C.

Remark

Our products are formulated according to the latest state of the art in terms of safety for people and the environment. For all these products a separate Safety Data Sheet is available describing possible risks and precautionary measures. In order to exclude all risks, we recommend always taking note of the contents of the relevant Safety Data Sheet. It also contains information on how to dispose of product waste. All data are state of the art. All data and consumption have been obtained under laboratory conditions (20°C). Deviations are possible on site, depending on the circumstances. As the application and processing are beyond our control, no rights can be derived from the above data. In case of doubt, we advise you to test the product yourself in order to determine whether it meets the specified requirements. If you have any questions, please do not hesitate to contact our technical department.

Concretelook color chart

The indicated amount of pigment is per 1m² of concrete look

Concrete grey	76 gram
Dark grey	35 gram
Silver grey	4 gram
Brown grey	7 gram
Grey	15 gram
Light grey	24 gram
Grey / Beige	25 gram
Stone grey	24 gram
Oyster	18 gram
Old white	14 gram
Brown	75 gram
White	55 gram
Black	76 gram

Betonlook traditional
for walls in dry areas

System structure

Step 1.
Primer

Processing

Stir the contents at the start of work. Apply the primer evenly and opaquely to the substrate with a roller or brush. The primer must have had sufficient time to dry/respond (approx. 1-2 hours) before the Betonlook traditionally can be applied.

Consumption: depending on the absorbency and roughness of the surface approx. 0.10 ltr/m²

Step 2 and 3
Betonlook traditional

Processing

Add the included dye to the Betonlook Traditional while sifting. Make sure the dye no longer contains any grains and/or accumulations. When the dye is free of grains and/or accumulations, mix it with the Betonlook Traditional until it has an even color. If the above precautions are not taken, the result may be that pigment clusters are visible in the end result.

Lagging pigment clusters can be recognized by spots and/or stripes.

Should this be detected in layer 1, traditionally re-sieve the Betonlook before applying layer 2. Add 1.250 gram (1m²) of Betonlook traditional to approx. 345ml clean water and mix mechanically. The processing time is approx. 45 minutes, depending on the conditions. No more water should be added after the start of the binding process Use the spachtel to apply to the substrate in the traditional manual manner, covering the entire surface generously. Apply the layer with a brush, small irregularities and ridges, in order to obtain the desired structure and texture. Let this 1st layer dry for about 3 hours (depending on temperature and humidity). After this a thin layer of traditional Betonlook must be applied. If this 2nd layer is sufficiently attracted, the final finish is carried out by plastering with little water and an Inox trowel, this is decisive for the end result. The end result depends largely on the creativity and skill of the applicator. It is also possible to sand Betonlook traditional, after sufficient drying, on or flat. It is strongly recommended to gain some experience with a sample first. The product must have had sufficient time to dry / react, the drying period is at least 3 days, both the applied layer and the surface may still contain up to 3 vol-%

moisture, before Fixative can be applied.

Consumption: Depending on the roughness of the substrate and layer thickness approx. 1250 gram/m² (at a layer thickness of approx. 1 mm).

Step 4 and 5

Fixative

Processing

Stir the Fixative slowly before use. Then distribute the material in two thin layers (75-100 per m² per layer) evenly on the surface by means of a (short-haired) two component roller, brush or sprayer.

Allow drying time of approx. 4 hours between coats. Avoid applying thick layers because of possible water penetration during curing. Treat any unevenness with a brush. All parts of the Betonlook that are not well touched by the impregnation can be darkened by the Natural Finish 2K (matt/colorless). Allow the Fixative to dry for at least 6 hours before applying the Natural Finish 2K (matt/colourless). Dilute with maximum 5% water.

Consumption: depending on the suction and roughness of the substrate approx. 150-200 ml/m² (in 2 layers).

Step 6

Natural Finish 2K (mat/kleurloos)

Processing

Up to and including 2 m²

Add the B component (empty the container completely) to the A component. Mix the two components by shaking manually for 2 minutes. Pour the mixture into a clean bucket and stir well for 2 minutes. Allow the mixture to stand for a few minutes before application.

From 3 m²

Add the B component (empty the container completely) to the A component. Mix the two components with the mixing iron at low speed (approx. 200 rpm) for 2 minutes. Pour the mixture into a clean bucket and mix again for 2 minutes. Allow the mixture to stand for a few minutes before applying.

The Natural Finish 2K (matt/colourless) must be applied in two thin layers (approx. 90-100 gram per m²) evenly on the surface by means of a (short-haired) two component roller, brush or sprayer. Allow at least 12 hours drying time between coats. Avoid applying thick layers because of possible water penetration during curing. If the layer has had more than 24 hours to dry / react, the layer must be sanded. CAUTION: Pot life of the mixed product is

2 hours (at 20°C). After that the product can no longer be used. Dilute with max. 5% water.

Consumption: depending on the suction and roughness of the surface approx. 100 gram/m² (per layer).

Betonlook traditional
for walls in wet areas
System structure

Step 1.

Primer

Processing

Stir the contents at the start of the work. Apply the primer evenly and opaquely to the substrate with a roller or brush. The primer must have had sufficient time to dry/respond (approx. 1-2 hours) before the Betonlook Traditional can be applied.

Consumption: depending on the absorbency and roughness of the surface approx. 0.10 ltr/m²

Step 2 and 3

Betonlook traditional

Processing

Add the included dye to the Betonlook Traditional while sifting. Make sure the dye no longer contains any grains and/or accumulations. When the dye is free of grains and/or accumulations, mix it with the Betonlook Traditional until it has an even color. If the above precautions are not taken, the result may be that pigment clusters are visible in the end result. Pigment clusters left behind can be recognized by spots and/or stripes. If this is found in layer 1, the Betonlook should be sieved again before layer 2 is applied. Add 1.250 gram (1m²) of Betonlook traditional to approx. 345ml clean water and mix mechanically. The processing time is approx. 45 minutes, depending on the conditions. No more water should be added after the start of the binding process. Use the spachtel to apply to the substrate in the traditional manual manner, covering the entire surface generously. Apply the layer with a brush, small irregularities and ridges, in order to obtain the desired structure and texture. Let this 1st layer dry for about 3 hours (depending on temperature and humidity). After this a thin layer of traditional Betonlook must be applied. If this 2nd layer is sufficiently attracted, the final finish is carried out by plastering with little water and an Inox trowel, this is decisive for the end result. The end result depends largely on the creativity and skill of the applicator. It is also possible to sand Betonlook traditional, after sufficient drying, on or flat. It is strongly recommended to gain some experience with

a sample first. The product must have had sufficient time to dry / react, the drying period is at least 3 days, both the applied layer and the surface may still contain up to 3 vol-% moisture, before Fixative can be applied.
Consumption: depending on the roughness of the substrate and layer thickness approx. 1250 gram/m² (at a layer thickness of approx. 1 mm).

Step 4 and 5 Fixative

Processing

Stir the Fixative slowly before use. Then distribute the material in two thin layers (75-100 per m² per layer) evenly on the surface by means of a (short-haired) two component roller, brush or sprayer.

Allow drying time of approx. 4 hours between coats. Avoid applying thick layers because of possible water penetration during curing. Treat any unevenness with a brush. All parts of the Betonlook that are not well touched by the impregnation can be darkened by the Natural Finish 2K (matt/colorless). Allow the Fixative to dry for at least 6 hours before applying the Natural Finish 2K (matt/colorless). Dilute with maximum 5% water.
Consumption: depending on the suction and roughness of the substrate approx. 150-200 ml/m² (in 2 layers).

Step 6 and 7 Natural Finish 2K (matt/colorless)

Processing

Up to and including 2 m²

Add the B component (empty the container completely) to the A component. Mix the two components by shaking manually for 2 minutes. Pour the mixture into a clean bucket and stir well for 2 minutes. Allow the mixture to stand for a few minutes before application.

From 3 m² :

Add the B component (empty container) to the A component. Mix the two components with the mixing iron on low speed (approx. 200 rpm) for 2 minutes. Pour the mixture into a clean bucket and mix again for 2 minutes. Allow the mixture to stand for a few minutes before applying.

The Natural Finish 2K (matt/colorless) must be applied in two thin layers (approx. 90-100 gram per m²) evenly on the surface by means of a (short-haired) two component roller, brush or sprayer. Allow at least 12 hours drying time between coats. Avoid applying thick layers because of possible water penetration during curing. If the layer has had more than 24 hours to dry /

react, the layer must be sanded. CAUTION: Pot life of the mixed product is 2 hours (at 20°C). After that the product can no longer be used. Dilute with max. 5% water.

Consumption: depending on the suction and roughness of the surface approx. 100 gram/m² (per layer).

We recommend applying a minimum of 2 coats of Natural Finish 2K (matt/colorless).

In extreme situations (heavy load) we recommend applying a minimum of 3 coats.

Betonlook traditional
for furniture

System structure

Step 1.
Primer

Processing

Stir the contents at the start of the work. Apply the primer evenly and opaquely to the substrate with a roller or brush. The primer must have had sufficient time to dry/respond (approx. 1-2 hours) before the Betonlook Traditional can be applied.

Consumption: depending on the absorbency and roughness of the surface approx. 0.10 ltr/m²

Step 2 and 3
Betonlook traditional

Processing

Add the included dye to the Betonlook Traditional while sifting. Make sure the dye no longer contains any grains and/or accumulations. When the dye is free of grains and/or accumulations, mix it with the Betonlook Traditional until it has an even color. If the above precautions are not taken, the result may be that pigment clusters are visible in the end result.

Pigment clusters left behind can be recognized by spots and/or stripes. If this is found in layer 1, the Betonlook should be sieved again before layer 2 is applied.

Add 1.250 gram (1m²) of Betonlook traditional to approx. 345ml clean water and mix mechanically. The processing time is approx. 45 minutes, depending on the conditions. No more water should be added after the start of the binding process. Use the spachtel to apply to the substrate in the traditional manual manner, covering the entire surface generously. Apply the layer

with a brush, small irregularities and ridges, in order to obtain the desired structure and texture. Let this 1st layer dry for about 3 hours (depending on temperature and humidity). After this a thin layer of traditional Betonlook must be applied. If this 2nd layer is sufficiently attracted, the final finish is carried out by plastering with a little water and an Inox trowel, this is decisive for the final result. The end result depends largely on the creativity and skill of the applicator. It is also possible to sand Betonlook traditional, after sufficient drying, on or flat. It is strongly recommended to gain some experience with a sample first. The product must have had sufficient time to dry / react, the drying period is at least 3 days, both the applied layer and the surface may still contain up to 3 vol-% moisture, before Fixative can be applied. Consumption: depending on the roughness of the substrate and layer thickness approx. 1250 gram/m² (at a layer thickness of approx. 1 mm).

Step 4 and 5 Fixative

Processing

Stir the Fixative slowly before use. Then distribute the material in two thin layers (75-100 per m² per layer) evenly on the surface by means of a (short-haired) two component roller, brush or sprayer.

Allow drying time of approx. 4 hours between coats. Avoid applying thick layers because of possible water penetration during curing. Treat any unevenness with a brush. All parts of the Betonlook that are not well touched by the impregnation can be darkened by the Natural Finish 2K (matt/colorless). Allow the Fixative to dry for at least 6 hours before applying the Natural Finish 2K (matt/colorless). Dilute with maximum 5% water. Consumption: depending on the suction and roughness of the substrate approx. 150-200 ml/m² (in 2 layers).

Step 6 and 7 Natural Finish 2K (matt/colorless)

Processing

Up to and including 2 m²

Add the B component (empty the container completely) to the A component. Mix the two components by shaking manually for 2 minutes. Pour the mixture into a clean bucket and stir well for 2 minutes. Allow the mixture to stand for a few minutes before application.

From 3 m²

Add the B component (empty the container completely) to the A component. Mix the two components with the mixing iron at low speed (approx. 200

rpm) for 2 minutes. Pour the mixture into a clean bucket and mix again for 2 minutes. Allow the mixture to stand for a few minutes before applying. The Natural Finish 2K (matt/colourless) must be applied in two thin layers (approx. 90-100 gram per m²) evenly on the surface by means of a (short-haired) two component roller, brush or sprayer. Allow at least 12 hours drying time between coats. Avoid applying thick layers because of possible water penetration during curing. If the layer has had more than 24 hours to dry / react, the layer must be sanded. CAUTION: Pot life of the mixed product is 2 hours (at 20°C). After that the product can no longer be used. Dilute with max. 5% water.

Consumption: depending on the suction and roughness of the surface approx. 100 gram/m² (per layer).

We recommend applying a minimum of 2 coats of Natural Finish 2K (matt/colorless).

In extreme situations (heavy load) we recommend applying a minimum of 3 coats.

Betonlook traditional
for floors

System structure

Step 1.

Epoxy Primer

Processing

The relative humidity of the air must not exceed 70% and the temperature of the room must not be lower than 15°C. The temperature of the surface to be treated must be at least 15°C and must be at least 3°C above the dew point to prevent condensation. In order to meet the technical and aesthetic values, the processing temperature must be between 15° and 25° C. The minimum curing temperature is 15°C. Add the B component (empty the container completely) to the A component and mix mechanically at low speed (approx. 200 rpm) for 2 minutes. Pour the mixture into a clean bucket and mix well again. Dilute with up to 5% acetone. Then apply approx. 0.35 kg primer with a nylon roller, brush or squeegee. Sprinkle the fire-dried quartz sand (0.1-0.3 mm) into the still wet layer in full (approx. 2 kg/m²). Let this layer dry for approx. 24 hours and remove excess sand. Pot life of the mixed product is max. 20 minutes at 20°C.

Consumption: depending on the suction and roughness of the substrate approx. 0.35 kg/m².

Step 2 and 3

Betonlook traditioneel

Processing

Add the included dye to the Betonlook Traditional while sifting. Make sure the dye no longer contains any grains and/or accumulations. When the dye is free of grains and/or accumulations, mix it with the Betonlook Traditional until it has an even color. If the above precautions are not taken, the result may be that pigment clusters are visible in the end result. Pigment clusters left behind can be recognized by spots and/or stripes. If this is found in layer 1, the Betonlook should be sieved again before layer 2 is applied. Add 1.250 gram (1m²) of Betonlook traditional to approx. 345ml clean water and mix mechanically... The processing time is approx. 45 minutes, depending on the conditions.... No more water should be added after the start of the binding process. Apply the spachtel on the substrate in the traditional manual manner, covering the entire surface generously in the grain. Apply the layer with a brush, small irregularities and ridges, in order to obtain the desired structure and texture. Let this 1st layer dry for about 3 hours (depending on temperature and humidity). After this a thin layer of traditional Betonlook must be applied. If this 2nd layer is sufficiently attracted, the final finish is carried out by plastering with little water and an Inox trowel, this is decisive for the end result. The end result depends largely on the creativity and skill of the applicator. It is also possible to sand Betonlook traditional, after sufficient drying, on or flat. It is strongly recommended to gain some experience with a sample first. The product must have had sufficient time to dry / react, the drying period is at least 3 days, both the applied layer and the surface may still contain up to 3 vol-% moisture, before Fixative can be applied. Consumption: Depending on surface roughness and layer thickness approx. 1250 g/m² (with a layer thickness of approx. 1 mm).

Step 4 and 5 Fixative

Processing

Stir the Fixative slowly before use. Then distribute the material in two thin layers (75-100 per m² per layer) evenly on the surface by means of a (short-haired) two component roller, brush or sprayer. Allow drying time of approx. 4 hours between coats. Avoid applying thick layers because of possible water penetration during curing. Treat any unevenness with a brush. All parts of the Betonlook that are not well touched by the impregnation can be darkened by the Natural Finish 2K (matt/colorless). Allow the Fixative to dry for at least 6 hours before applying the Natural Finish 2K (matt/colorless). Dilute with maximum 5% water. Consumption: depending on the suction and roughness of the substrate approx. 150-200 ml/m² (in 2 layers).

Step 6 and 7 Natural (matt/colorless)

Processing

Up to and including 2 m² : Add the B component (empty the container completely) to the A component. Mix the two components by shaking manually for 2 minutes. Pour the mixture into a clean bucket and stir well for 2 minutes. Allow the mixture to stand for a few minutes before application.

From 3 m² : Add the B component (empty container) to the A component. Mix the two components with the mixing iron on low speed (approx. 200 rpm) for 2 minutes. Pour the mixture into a clean bucket and mix again for 2 minutes. Allow the mixture to stand for a few minutes before applying.

The Natural Finish 2K (matt/colourless) must be applied in two thin layers (approx. 90-100 gram per m²) evenly on the surface by means of a (short-haired) two component roller, brush or sprayer. Allow at least 12 hours drying time between coats. Avoid applying thick layers because of possible water penetration during curing. If the layer has had more than 24 hours to dry / react, the layer must be sanded. CAUTION: Pot life of the mixed product is 2 hours (at 20°C). After that the product can no longer be used. Dilute with max. 5% water.

Consumption: depending on the suction and roughness of the surface approx. 100 gram/m² (per layer).

We recommend applying a minimum of 2 coats of Natural Finish 2K (matt/colorless).

In extreme situations (heavy load) we recommend applying a minimum of 3 coats.

Product Information

Primer

Product Description

Beton Stunter Primer is a ready-to-use, white pigmented, quartz-based primer based on a high-quality synthetic resin dispersion. This opaque primer is specially developed as an opaque primer for Beton Stunter Betonlook plasters.

Applications and benefits

Primer is used as a covering primer for the Beton Stunter Betonlook plasters. The primer has a high adhesive power on most common substrates. The product also reduces the suction and equalizes the color of the substrate. Primer is part of the Betonstunter Betonlook system.

Substrate and preparation

Primer can be used on almost all common absorbent or poorly absorbent substrates. Provided that they are dry, load-bearing stable and free from all materials that could adversely affect adhesion.

Processing

The Primer is applied evenly to the substrate with a coat roller or block brush. When starting work, stir the contents. The product must have been allowed to dry sufficiently (approx. 1-2 hours) before the Betonstunter Betonlook plasters can be applied. The substrate and ambient temperature must be above +5°C during processing.

Cleaning

Clean tools with (hot) water immediately after use. Remove any dirt immediately with water. Soak dried material with water and remove mechanically.

Technical Data

- Type of binder: copolymeric acrylic dispersion
- S.G.: approx. 1,2 kg/ltr
- Color: White
- Drying time: 1-2 hours
- pH value: approx. 8.5-9.0

Consumption

Depending on the suction and roughness of the substrate, approx. 0.125 ltr/m².

Storage and transport

We recommend that all our products be transported and stored in a cool but frost-free, dry place and protected from the weather. We guarantee a shelf life of at least 3 months in unopened original packaging.

Note

All information is based on the latest technology. Since application and processing are beyond our control, no rights may be derived from the above information. In case of doubt, we recommend testing the product yourself to determine whether it meets the specified requirements. If you have any questions, please do not hesitate to contact our technical department. Our General Conditions of Delivery (2021-1) apply to all our deliveries.

Product Information

Betonlook traditional

Product Description

Betonlook traditional is a decorative cement paste based on specially selected mineral binders, synthetic resins, pigments and admixtures. Betonlook traditional is intended especially for the plasterer, to produce decorative and creative wall coverings with an industrial “concrete look”. With this product a seamless finish can easily be realized in a thin layer (1-3 mm). Betonlook traditional is applicable in all dry and wet areas provided the instructions and recommendations for use are followed. We recommend always treating the Betonlook traditional.

Applications and benefits

Betonlook traditional is especially meant for the production of decorative and creative wallcoverings, etc., with an industrial “concrete look” indoors. With simple techniques a seamless finish can be achieved quickly and in a thin layer of approx. 1.0 mm. Bétolo is applicable in all dry and wet areas provided that the instructions and recommendations are followed. Betonlook ready-to-use is supplied in 12 colors.

Substrate and preparation

The substrate must be dry, load-bearing, stable and free of all substances that could adversely affect adhesion. Furthermore, the substrate must be ready for wallpapering or painting and of uniform color. We therefore recommend priming the walls. After sufficient drying time of approx. 1-2 hours (depending on temperature, air humidity and substrate) the Betonlook can be applied ready for use.

Processing

Add the included dye to the Betonlook Traditional while sifting. Make sure the dye no longer contains any grains and/or accumulations. When the dye is free of grains and/or accumulations, mix it with the Betonlook Traditional until it has an even color. If the above precautions are not taken, the result may be that pigment clusters are visible in the end result.

Pigment clusters left behind can be recognized by spots and/or stripes. If this is found in layer 1, the Betonlook should be sieved again before layer 2 is applied.

Add 1.250 gram (1m²) of Betonlook traditional to approx. 345ml clean water and mix mechanically... The processing time is approx. 45 minutes, depending on the conditions... No more water should be added after the start of the binding process. The paint coat
Apply to the substrate in the traditional manual manner, covering the

entire surface generously. Apply the layer with a brush, small irregularities and ridges, in order to obtain the desired structure and texture. Let this 1st layer dry for about 3 hours (depending on temperature and humidity). After this a thin layer of traditional Betonlook must be applied. If this 2nd layer is sufficiently attracted, the final finish is carried out by plastering with a little water and an Inox trowel, this is decisive for the final result. The end result depends largely on the creativity and skill of the applicator. It is also possible to sand Betonlook traditional, after sufficient drying, on or flat. It is strongly recommended to gain some experience with a sample first. The product must have had sufficient time to dry / react, the drying period is at least 3 days, both the applied layer and the surface may still contain up to 3 vol-% moisture, before Fixative can be applied.

Consumption: depending on the roughness of the substrate and layer thickness approx. 1250 gram/m² (at a layer thickness of approx. 1 mm).

Cleaning

Clean tools with (hot) water immediately after use. Remove any dirt immediately with water. Soak dried material with water and remove mechanically.

Technical data

- Specific weight: approx. 1,0 kg/ltr
- Weight of ready-to-use mortar: approx. 1.4 kg/ltr
- Material consumption: approx. 1250 g per m² per mm layer thickness
- Layer thickness: up to 3.0 mm
- Processing time (+20 °C): approx. 30 minutes
- Compressive strength: after 1 day approx. 5 N/mm²
- after 7 days approx. 9 N/mm²
- after 28 days approx. 11 N/mm²
- Bending tensile strength: after 1 day approx. 2 N/mm²
- after 7 days approx. 3 N/mm²
- after 28 days approx. 4 N/mm²

Color indications are always indicative. The final coloration depends on several (environmental) factors. In case of doubt, it is advisable to determine whether the product meets the requirements by carrying out your own tests.

Consumption

Depending on surface roughness and layer thickness approx. 1250 g/m² (at a layer thickness of approx. 1 mm).

Storage and Transport

We recommend all our products be stored and transported in a cool but frost-free and dry place, protected from the weather. We guarantee a shelf life of at least 3 months in unopened original packaging.

Note

All information is based on the latest technology. Since application and processing are beyond our control, no rights may be derived from the above information. In case of doubt, we recommend testing the product yourself to determine whether it meets the specified requirements. If you have any questions, please do not hesitate to contact our technical department. Our General Conditions of Delivery (2021-1) apply to all our deliveries.

Product Information

Fixative

Product Description

Betonstunter Fixative is a ready-to-use water-based acrylic dispersion for the impregnation and fixation of Betonlook traditional that is subsequently coated with Betonstunter Natural Finish 2K.

Properties

With this Fixative strongly absorbing substrates are quickly put closed and here by the adhesion of coatings to be applied afterwards considerably improved. Fixative strengthens and reinforces the surface. As a non-yellowing, transparent, firm

As a non-yellowing, transparent, firm adhesive on wood, concrete, stucco, etc.

Substrate

The substrate must be dry, load-bearing, stable and free from all materials that would impair adhesion. Thoroughly remove grease, dirt, dust, paint, etc. by sanding and degreasing.

Processing

Stir the Fixative slowly before use. Then distribute the material in two thin layers (75-100 per m² per layer) evenly on the surface by means of a (short-haired) 2-component roller, brush or sprayer.

Allow drying time of approx. 4 hours between coats. Avoid applying thick layers because of possible water penetration during curing. Treat any unevenness with a brush. All parts of the concrete look that are not well touched by the impregnation can be darkened by the Natural Finish 2K (matt/colorless). Allow the Fixative to dry for at least 6 hours before applying

the Natural Finish 2K (matt/colourless). Dilute with maximum 5% water. Consumption: depending on the suction and roughness of the substrate approx. 150-200 ml/m² (in 2 layers).

Cleaning

Clean tools with (hot) water immediately after use. Remove any dirt immediately with water. Soak dried material with water and remove mechanically.

Technical data

- White liquid
- Solids approx. 24 %.
- Dust dry: after approx. 120 min
- Can be painted over: after approx. 4-6 hours
- Application of Flotec Natural Finish 2K after a drying time of at least 6 hours
- Specific gravity: approx. 1.03 kg/dm³

Consumption

Depending on the absorbency and roughness of the substrate, approx. 0.15-0.20 ltr/m² (in 2 layers).

Storage and Transport

We recommend all our products to be stored and transported in a cool but frost-free and dry place, protected against weather influences. In unopened original batches, we guarantee a shelf life of at least 3 months.

Note

All information is based on the latest technology. Since application and processing are beyond our control, no rights may be derived from the above information. In case of doubt, we recommend testing the product yourself to determine whether it meets the specified requirements. If you have any questions, please do not hesitate to contact our technical department. Our General Conditions of Delivery (2021-1) apply to all our deliveries.

Product Information

Natural Finish 2K (matt/ colourless)

Product Description

Natural Finish 2K (matt/colorless) is a water-based, 2-component transparent polyurethane coating with a matt appearance based on aliphatic PU emulsion and an aliphatic isocyanate as hardener. This product is distinguished by its natural appearance, high degree of maturity, wear resistance and good chemical resistance.

Properties

Natural Finish 2K (matt/colourless) is applied as a scratch-resistant and non-yellowing, stain-resistant finish on stony substrates, walls and plastic surfaces. Natural Finish 2K (mat/colourless) is aesthetic, easy to process, scratch free, scrub resistant, hygienic, chemical resistant, easy to clean, excellent UV resistance, dust free, NMP free, almost odourless, long pot life, V.O.S. < 70 g/l. The product, possibly in combination with Betonstunter Impregnation, is also suitable for the finishing of Betonstunter Traditional betonlook in various areas. But also for finishing Beton Stunter Betonlook ready-to-use. The product has good resistance to acids, alkalis, salts and solvents.

Substrate

The substrate must be dry, load-bearing, stable and free of all substances that could adversely affect adhesion. Thoroughly remove grease, dirt, dust, paint, etc. by sanding and degreasing. For highly absorbent substrates, we recommend treating the substrate with Beton Stunter impregnation. The Beton Stunter impregnation must be applied in 2 (thin) layers "wet on wet".

Processing

The relative humidity may not exceed 70% and the temperature of the room may not be lower than 15°C. The temperature of the surface to be treated should be at least 15°C and should be at least 3°C above the dew point to avoid condensation. In order to meet the technical and aesthetic values, the processing temperature must be between 15° and 25° C. The minimum curing temperature is 15°C.

Up to 2 m2

Add the B component (empty the container completely) to the A component. Mix the two components by shaking manually for 2 minutes. Pour the mixture into a clean bucket and stir well for 2 minutes. Allow the mixture to

stand for a few minutes before application.

From 3 m²

Add the B component (empty the container completely) to the A component. Mix the two components with the mixing iron at low speed (approx. 200 rpm) for 2 minutes. Pour the mixture into a clean bucket and mix again for 2 minutes. Allow the mixture to stand for a few minutes before applying. The Natural Finish 2K (matt/colourless) must be applied in two thin layers (approx. 90-100 gram per m²) evenly on the surface by means of a (short-haired) two component roller, brush or sprayer. Allow at least 12 hours drying time between coats. Avoid applying thick layers because of possible water penetration during curing.

CAUTION:

Pot life of the mixed product is 2 hours (at 20°C). After that the product can no longer be used. Dilute with max. 5% water.

Cleaning

Clean tools with (hot) water immediately after use. Remove any impurities immediately with water. Soak dried material with water and remove mechanically.

Technical data

- Solids approx. 40%.
- S.g. 1,01 kg/ltr.
- Appearance: transparent, matt (on request also available in silk matt, silk gloss and gloss)
- Mixing ratio: 9 : 1 (A : B in weight ratio)
- Potlife: approx. 2 hours (at 20°C)
- Dust dry: after approx. 2 hours (at 20°C)
- Repaintable after approx. 3 hours (at 20°C)
- Minimum curing: after approx. 48 hours (at 20°C)
- Full cure: after approx. 7 days (at 20°C)
- Flash point: > 200°C
- Abrasion resistance: Wear wheel CS 17 1000 rpm/ 1000 g load: wear 30 mg
- Temperature resistance: Between -20° and +75°C. no thermal shock load
- Adhesion:
approx. 4 n/mm² on concrete B60 (Break in concrete)
approx. 4 n/mm² on sanded epoxy screed
approx. 5 N/mm² on sanded aluminium ST-51

Consumption

Per coat Approx. 90 -100 kg/m² (dry film thickness of 36-40 μm).
We recommend applying at least 2 coats in wet areas and at least 3 coats in extreme situations.

Precautions

Avoid contact with skin by using gloves and or protective creams. Do not smoke, eat or drink during application. Do not inhale spray, wear respiratory and eye protection during application. Wear suitable gloves.

Compound A contains:

Is not a hazardous substance within the meaning of the Environmentally Hazardous Substances Act and therefore does not require safety labeling.

Compound B contains:

Warning

Hexamethylene Di-isocyanate, Oligomerization Product

- May cause allergic skin reaction.
- Causes skin irritation.
- Causes severe eye irritation.
- Harmful by inhalation.
- May cause irritation of the respiratory tract.

Storage and transport

We recommend that all our products be transported and stored in a cool but frost-free, dry place and protected against weather influences. We guarantee a shelf life of at least 3 months in unopened original packaging.

Note

All information is based on the latest technology. Since application and processing are beyond our control, no rights may be derived from the above information. In case of doubt, we recommend testing the product yourself to determine whether it meets the specified requirements. If you have any questions, please do not hesitate to contact our technical department. Our General Terms of Delivery (2021-1) apply to all our deliveries.

Product Information

Epoxy primer

Product Description

Beton Stunter Epoxy primer is a solvent-free, 2-component primer based on modified epoxy resins and a polyamine as hardener. This product has good penetration, excellent adhesion and is low viscosity.

Properties

Epoxy primer is applied as a solvent-free liquid-tight adhesion layer and Fixative for Beton Stunter concrete look. The cured product is resistant to water and chemicals and is not affected by petrol, oils and greases.

Apply approx. 0.5 kg/m² Epoxy Primer to a dry, properly prepared substrate and sprinkle this fresh coat with quartz sand, full and saturated with fire retardant.

Sprinkle the fresh coat with fire-dried quartz sand (0.1-0.3 mm). After hardening (approx. 24 hours) remove excess sand.

Substrate

All sufficiently load-bearing cement-bound materials such as concrete and sand-cement mortars, sand-cement screeds, etc. are suitable as substrates. The minimum compressive strength must be 25 N/mm², the adhesive tensile strength 1.5 N/mm².

Floors must be free of rising damp. The substrates to be treated must be clean and dry.

The substrates to be treated must be clean, dry and pore-free. Remove contamination, cement skin or sintered layers by sandblasting, flame blasting or milling.

remove. Then thoroughly dust the surfaces; this is best done with an industrial vacuum cleaner.

Processing

The relative humidity should not exceed 70% and the room temperature should not drop below 15°C. The temperature of the surface to be treated should be at least 15°C and should be at least 3°C above the dew point to avoid condensation. In order to meet the technical and aesthetic values, the processing temperature must be between 15° and 25° C. The minimum curing temperature is 15°C. Add the B component (empty the container completely) to the A component and mix mechanically at low speed (approx. 200 rpm) for 2 minutes. Pour the mixture into a clean bucket and mix well again. Dilute with up to 5% acetone. Then apply approx. 0.35 kg primer with a nylon roller, brush or squeegee. Sprinkle the fire-dried quartz sand (0.1-0.3 mm) into the still wet layer in full (approx. 2 kg/m²). Allow this layer to dry for approx. 24 hours and remove excess sand.

Consumption: depending on the absorbency and roughness of the substrate, approx. 0.35 kg/m².

CAUTION!

Potlife of the mixed product is 20 minutes (at 20°C). After that the product can no longer be used.

Cleaning

Clean tools with acetone immediately after use. Remove any impurities immediately with acetone.

Remove dried material mechanically.

Technical data

- Solids approx. 100%.
- S.g. 1,12 kg/ltr.
- Appearance transparent, glossy
- Mixing ratio: 100 : 50 (A : B in weight ratio)
- Potlife: approx. 20 minutes (at 20°C)
- Can be walked on approx. 14 hours (at 20°C)
- Minimum curing: after approx. 48 hours (at 20°C)
- Full cure: after approx. 7 days (at 20°C)
- Flash point: > 65°C
- Temperature resistance: between -20° and +75°C. no thermal shock load
- Adhesion:
Approx. 5 n/mm² on concrete B60 (Fracture in concrete)

Consumption

Depending on the suction and roughness of the substrate approx. 0.35 kg/m².

Precautions

Avoid contact with skin by using gloves and or protective creams. Do not smoke, eat or drink during application. Do not inhale spray mist, wear respiratory and eye protection during processing. Wear suitable gloves.

Compound A contains:

Waarschuwing/Warning

Modified Bisphenol-A/F Epoxy resin, Number average molecular weight <700

- Causes skin irritation
- May cause allergic skin reaction
- Causes severe eye irritation
- Toxic to aquatic organisms with long lasting effects.

Component B contains:

Warning

Aliphatic polyamine

- Harmful if swallowed
- Harmful in contact with skin
- Causes severe burns and eye damage.
- Causes skin irritation
- May cause allergic skin reaction
- Causes severe eye irritation
- Harmful by inhalation
- Toxic to aquatic organisms, with long lasting effects.

Storage and transport

We recommend that all our products be transported and stored in a cool but frost-free, dry place and protected against weather influences. We guarantee a shelf life of at least 3 months in unopened original packaging.

Note

All information is based on the latest technology. Since application and processing are beyond our control, no rights may be derived from the above information. In case of doubt, we recommend testing the product yourself to determine whether it meets the specified requirements. If you have any questions, please do not hesitate to contact our technical department. Our General Terms of Delivery (2021-1) apply to all our deliveries.