

FLORENTINA WOOD EFFECT PANEL

Faux Wood Plank

PRODUCT DESCRIPTION:

- decorative element attached to the wall surface to give a wood plank effect
- perfect imitation of wood grains
- 10 standard colour variants
- easy to install and fit to each other
- high resistance to impact and flexibility
- applied as an alternative to render finishes in ETICS systems and on not insulated substrates

USE:

FLORENTINA WOOD EFFECT PANEL is a panel made of resin and cement designed to provide a decorative faux wood panel effect to interior and exterior walls of new and existing buildings.

The product can be applied to:

- base coats of External Thermal Insulation and Composite Systems (ETICS) with EPS boards,
- mineral substrates such as: concrete, cement or cement-lime renders,
- fibre cement cladding and cement-bonded particleboards, which are firmly fixed to the substrate or frame,
- plasterboards,
- gypsum plasters,

SURFACE PREPARATION:

The current ETICS Instruction Manual IB/01 EPS must be followed when. Before applying ETICS, particularly the reinforced base layer, the substrate must be structurally sound, stable, even, and free from contaminants such as dust, grease, bitumen, or any materials that may affect adhesion. Remove all old paint coatings, as well as any loose, peeling, or flaking plaster.

Prime porous surfaces (especially aerated concrete) using primer. Minor surface irregularities should be levelled using a base coat designed for embedding reinforcing mesh, or with a cementitious smoothing compound (for concrete substrates).

For major gaps and imperfections, use mortar. Once it has set, smooth the entire surface using the aforementioned base coat or joint compound.

When fixing decorative panels onto gypsum plaster or plasterboards, first prime the surface with . After the primer has dried, apply BP cement primer.

Prior to fixing decorative panels onto other surfaces (including the base coat of thermal insulation systems), prime the surface with BP cement primer.

PRODUCT PREPARATION:

This is a ready-to-use product.

To minimize material waste, plan the layout of the panels across each individual surface prior to installation.

Cut the panels using large shears or an angle grinder equipped with a diamond blade.

APPLICATION:

Attach the panels to the wall using AD Mass adhesive. The average adhesive consumption on an even surface is approximately 2.8 kg/m².

Apply the ready-mix adhesive evenly across the substrate and work it well into the surface using a 6 x 6 mm notched trowel. For optimal bonding, comb the adhesive perpendicular to the direction in which the panels will be installed.

Install the panels vertically in courses, working either from top to bottom or from bottom to top.

the panels in a running bond pattern so that vertical joints are staggered in successive courses, making sure that the panels are butted tightly together and aligned. First, place an element at a ca. 5 mm distance from the other, press the panel firmly into the adhesive, slide and push into place to butt joint with the previously installed elements. Remove excess material using a paintbrush or putty knife. Apply firm, even pressure to the entire panel, once it is in place, using a wallpaper roller to provide good contact. Make sure that there is 100% coverage on the back of the panel and that all air pockets are removed. Clean off the excess adhesive with a damp sponge before it dries out. Time between adhesive application and panel installation must be less than 10 min.

After at least 24 h from panel installation, apply the finish glaze Florentina Deco Lacquer. Spread the glaze uniformly using a sponge, rub into the surface of the panel with the grain.

Depending on the desired effect, the finish glaze may be applied in two coats. Apply the second coat of Florentina Deco Lacquer, when the first is dry. Provides a semi-matte finish.

To obtain a glossy finish, treat the surface with the sealer BOLIX OM.

LIMITATIONS AND RECOMMENDATIONS:

- Ensure the substrate is even and properly prepared before application.
- Allow fresh cement and lime-cement plasters to cure for a minimum of 3–4 weeks, and gypsum plasters for at least 2 weeks prior to adhesive application.
- Do not apply in areas exposed to prolonged water contact (especially vertical surfaces), accumulated snow, or surfaces that are not protected against capillary moisture.
- Before creating the decorative effect, protect or mask all adjacent surfaces where panels are not to be installed.
- Plan the installation considering prevailing weather conditions.
- During application and while the adhesive is drying, protect the surface from direct sunlight, rain, and strong wind. Use appropriate scaffolding mesh or protective coverings.
- Low temperatures, high humidity, and poor air circulation will extend the adhesive drying time.
- Ensure that skinning of the adhesive has not begun before fixing the panels, as this can reduce adhesion and may lead to debonding. If skinning has occurred, remove the adhesive and reapply.
- Do not install panels using the dab (spot bonding) method

PRECAUTIONS:

N/A

TOOLS:

- Scissors or angle grinder
- 6 x 6 mm notched trowel
- Low-speed mixer
- Sponge
- Putty knife

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TECHNICAL DATA:

The following technical data are for the temperature of +23 (±2)°C and relative air humidity of 50 (±5)%. Under other conditions the technical data may vary.

Ambient and surface temperature during application and curing:
from +5°C to +25°C

Relative humidity at application and curing:
up to 80%

Dimensions:
16.7 – 200cm

Colour range:
white
Final colour effect after finish glaze Florentina Deco Lacquer (10 colours) application

Packaging:
10 pcs. package

No. of containers per pallet and net weight:
36 packages/ approx. 504 kg

Shelf life:
2 years

APPROXIMATE COVERAGE:

3 decorative panels/ approx.1 m²

STORAGE:

Store in intact original containers in temp. between +5°C and +25°C. Protect from excessive heat and frost. Store away from the reach of children.

COMPOSITION:

cement and resin binder, fine mineral fillers, reinforcing microfibres and modifiers.

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