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QUARTZ WALL CLADDING PANELS

Francesco GUARDI Collezione

PRODUCT DESCRIPTION

Francesco GUARDI Collezione quartz panels are an innovative form of wall cladding, constituting the perfect alternative for natural stone or ceramic panels. The panels are highly resistant to weather conditions, mechanical damage, thermal stresses, contamination and biological corrosion. Wall cladding is easy to assemble, does not cause excessive load on the façade and does not require special fixing systems.

USAGE

Francesco GUARDI quartz panels are designed for decorating internal and external building walls - including entire façades in single and multi-family development. They are perfect for covering fragments exposed to operational loads e.g. plinths, corridors, staircases and as ornamental decoration of selected fragments of internal walls and ceilings.

Additionally, panels can create a protective and decorative façade finish when insulating walls with LAKMA® TERM ST DEKOR thermal insulation systems.

APPLICATION

Surface preparation: Quartz panels should be applied on solid, durable and perfectly even surfaces. The surface should be clean, dry, free of greasy stains, dust, mechanical contamination, chippings disconnected from the surface, as well as biological and chemical aggression. New cement plasters should be covered after 3–4 weeks of air drying. Any defects or unevenness should be filled. Before gluing the panels, a thoroughly dried surface should be coated with the GUARDI Deco primer in a colour similar to the colour of the board – primer colour will determine the final colour of the joint. Before applying the GUARDI Deco primer, absorbent and dusty surfaces should be primed with the Fixgrunt U agent. Remove any signs of biological invasion on the surfaces using Biotox Total. A substrate consisting of the SYNTEKOL PSW adhesive mortar, constituting the reinforcement layer, should be coated with the primer once binding is finished, i.e. after at least 3 days from when it was made, if drying under optimal conditions (temp. +20°C, humidity 60%). You may begin gluing the panels after the GUARDI Deco primer has dried, i.e. at least 24 hours after finishing primer application, if drying under optimal conditions. Panels should only be used on vertical surfaces without capillary rise.

If used on partitions in the ETICS system, insulated with EPS or XPS styrofoam boards, reinforcement layer thickness should be at least 4–5 mm.



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Application: In order to minimize waste, panel layout on the surface should be appropriately planned before application. Panels may be installed with an appropriate gap (joint) or neatly fitted together. Surfaces should be evenly covered with adhesive, using a 2–3 mm notched trowel. Apply the adhesive in stages to glue the panels to the undried layer – before the so-called skin effect occurs. If the adhesive dries, remove it and replace with a new layer. Press the panel firmly to the surface so that the previously applied adhesive covers its entire bottom surface, carefully squeezing any excess beyond the panel board. You can use a pressure roller or a float for this. Collect excess adhesive immediately and wash the entire surface with a damp sponge. Panels cannot be installed with an uneven adhesive cover. **Leaving lumps, bleeding, adhesive remains or performing works in inappropriate weather conditions may result in milky stains and differences in shades of the coating.**

Finishing coat: Mix the GUARDI Fasade Protective Finish thoroughly before use (avoid foaming) and, depending on the painting technique, dilute with water (max. 3%). Apply the Fasade Protective Finish twice with a roller with a fleece thickness of approx. 9 mm, avoiding thicker areas or foaming. Cover the joints thoroughly with the product using a paintbrush. During painting works, pay attention to avoid any thicker varnish areas. Apply the second layer once the first layer is dry, i.e. after at least 4 hours. Weather conditions during works and within 24 hours after applying the last layer: temp. between +10°C and +25°C, air humidity approx. 55 ±5%, without direct sunlight, wind and precipitation. Brief contact with water of the coated surface is admissible 24 hours after the second layer application. Full performance is achieved after 28 days from applying the last finish layer. Lower air temperatures and higher humidity increase drying time.

Further information: Due to the presence of natural raw materials, in order to achieve the best aesthetic values, we recommend completing surfaces that constitute a separate whole in one performance stage, using material from a single order from the same manufacturing batch. Perform works with surface and ambient temperatures between +5°C and +25°C, avoiding direct sunlight, both during works and air drying. Do not apply at air humidity above 80%. Data included in this sheet is provided for a temperature of +20°C and a relative humidity of 60%.



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TECHNICAL DATA

Primer	GUARDI Deco Primer in the colour of Quartz Panel
Adhesive	GUARDI Wall cladding panel adhesive
Finishing coat	Francesco GUARDI Collezione Facade protective finish
Cleaning off the tools	Water
Panel dimensions	450 mm x 900 mm x 3 mm
Panel weight	1,750 kg
Panel cutting	Wallpaper knife
Colours	10 colours from Francesco GUARDI Collection

LOGISTIC INFORMATION

Number of panels in a packaging unit	m ² in a packaging unit	Number of packaging units per pallet	Net weight of a full pallet
10 szt.	4,86 m ²	20 packages	350 kg

STORAGE

12 months from the date of production, in a dry place, at temperatures from +5°C to +35°C, in undamaged packing.

APPROVALS , ATTESTATIONS, STANDARDS

National Technical Assessment ICiMB-KOT-2021/0134 1st edition	
National Declaration of Performance LAK/007/2022 dated 20.09.2022	
Notified body	INSTYTUT TECHNIKI BUDOWLANEJ. ZAKŁAD CERTYFIKACJI ul. Filtrowa 1, 00-611 Warszawa
Factory production control certificate 020-UWB-1101/Z	
Classification related to fire spreading through walls from the facade side	Fire retardant
Hygienic certificate	B-BK-60211-0758/21
Radiation approval	BR/B/11/2022
Production batch No./ expiry date/ code	Placed on the packaging



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OHS AND WARNINGS

Follow general safety rules when using the product

The product is non-combustible.

Keep out of reach of children.

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