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WALL CLADDING PANELS ADHESIVE

Francesco GUARDI Collezione

PRODUCT DESCRIPTION

The adhesive for Francesco GUARDI Collezione decorative cladding panels is an off-the-shelf mass manufactured on the basis of the highest quality acrylic resin and reinforcing fibers.



PURPOSE

The product is intended for gluing F. GUARDI decorative quartz cladding panels to mineral substrates, indoors and outdoors, as well as part of the LAKMA TERM ST DEKOR thermal insulation system.

USAGE METHOD

Surface preparation: The adhesive should be applied onto solid, durable and perfectly even surfaces. The surface should be clean, dry, free of greasy stains, dust, 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 applying, a thoroughly dried surface should be coated with the GUARDI Deco primer in a color similar to the color of the board – primer color will determine the final color of the joint. Before applying the F. GUARDI Deco primer, absorbent and dusty surfaces should be reinforced 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%). Application can be started after the F. GUARDI Deco primer has dried, i.e. at least 24 hours after finishing primer application, if drying under optimal conditions. The product should only be used on vertical surfaces without capillary rise. If used on partitions in the ETICS system, insulated with styrofoam boards, reinforcement layer thickness should be at least 4–5 mm.

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 2–4 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



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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 thoroughly any adhesive soiling of the panel surface with clean water and a sponge. The works should be performed thoroughly, avoiding the formation of adhesive lumps in the joints or soiling the board with adhesive.

Leaving lumps, bleeding, adhesive remains or performing works in inappropriate weather conditions may result in milky stains and differences in shades of the coating.

Further information: 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%. Failure to adhere to the above recommendations, improper surface preparation or incorrect adhesive application may result in lowered durability of the cladding, including its possible detachment. Adhesive consumption depends on how even the surface is and the trowel notch height. Immediately after finishing work, wash tools with water. Any interference in the product composition is not allowed and can have significant impact on the quality.

TECHNICAL DATA

Tools	2–4 mm notched trowel, roller
Efficiency	0.5 – 0.8 kg/m ²
Open time	Approx. 15 minutes
Drying time	Minimum 24 hours
Tool cleaning	Water
Colors	Milky, transparent once dried

LOGISTIC INFORMATION

Individual packaging volume	Number of packagings per pallet	Full pallet net weight
5 kg	80	Approximately 416 kg
20 kg	16	Approximately 333 kg

STORAGE

12 months since the production date, in original, undamaged packaging, in dry and dark rooms, at temperatures from +5°C to +35°C.



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APPROVALS, CERTIFICATES, STANDARDS

National Technical Assessment ICiMB-KOT-2021/0134 edition 1	
National Declaration of Performance no. LAK/007/2022 dated 20 September 2022	
Notified Body	POLISH INSTITUTE OF CONSTRUCTION TECHNOLOGY, CERTIFICATION DEPARTMENT ul. Filtrowa 1, 00-611 Warszawa
Factory production control certificate 020-UWB-1101/Z	
Flame-spread classification through walls with fire on the elevation side	Nil flame spread
Batch no./expiry date/code	See packaging

OHS AND FIRE PROTECTION RECOMMENDATIONS

Follow basic OHS principles during work.

Non-flammable.

Keep out of the reach of children.

Safety data sheet available on request.

Updated 25 October 2022

The information provided in this Data Sheet is intended to ensure optimal product use, however it does not constitute any grounds for legal liability on the part of the Manufacturer, as the conditions of works performance are beyond their control. The proposed procedures are considered to be common, however each user of this material should make sure, by all means possible, including by inspecting the end product, that the materials provided are suitable for achieving the intended goals. We assume no liability in case of combining this product with products from other Manufacturers. The above data, recommendations and guidelines are based on our best knowledge, research and experience and have been provided in good faith, according to our and our suppliers' policies.



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The Manufacturer reserves the right to amend the contents in subsequent editions without prior notice to the recipients. With the issue of this Data Sheet, previous data sheets become invalid.