

Royale Play Artistica Clay

PRODUCT DESCRIPTION

Royale Play Artistica Clay is a microporous decorative coating, of mineral nature, with a strong natural connotation that actively contributes to living comfort, it is formulated on the specific properties of lime hydrate, pure clay, selected marbles, and natural sands, which, when appropriately balanced, allow excellent workability.

The presence of cellulose fibers strengthens and reinforces the structure, thus contributing to the realization of greater thicknesses in synergy with the other components. Royale Play Artistica Clay allows the attainment of top-quality finishes with a crinkled effect, Artistica Clay permits to considerably reduce the formaldehyde concentration in the environment.

RECOMMENDED USAGE

- New and old base hydraulic binder-based plaster.
- Old paints and organic or mineral coatings, dry, compact, absorbent, and cohesive.
- Various absorbent mineral conglomerates.
- Gypsum and plasterboard surfaces

TECHNICAL DATA

Features:

- Nature of the binder: air lime, organic modification <5%.
- Bulk density: 1.70 +/- 0.05 g/ml.
- Drying (at 25°C): to the touch in 3 hours; can be over-coated after 12 hours (depending on the thickness applied).
- Determination of volatile organic compounds (VOC) ISO 11890:2 (not diluted) < 1 g/l.
- Wash ability: Royale Play Artistica Clay finishes are washable and stain resistant*
*Stain Resistance-On applying two coats of Royale Play Protective coat.
- Dilution: Ready for use.
- Available Pack - 20 Kg.
- Colors: White and it can be tinted.
- Spread rate: 1.5 - 2.5 Kg/m² in the two layers, according to the finish of the substrate and its absorption.
- It is good practice to check the effective coverage via a preliminary test on the specific substrate.

Performance characteristics:

- Liquid water permeability EN 1062-3: class W2 MEDIUM; $W > 0.1 \leq 0.5$ kg/m²h^{0.5}.
- Water vapour transmission rate ISO 7783-2: class V1 HIGH; $S_d < 0.14$ m (for thickness of 0.7 mm)
- Reduction of formaldehyde concentration: ISO 16000-23 TESTED AT EUROFINS Denmark; > 80%.
- Gross Heat of combustion (calorific value) (*) ISO 1716:2010 < 0,2 MJ/kg
- (*) European Class of Reaction to Fire A1.

APPLICATION DATA

Direction for use:

Method of application: stainless steel trowel, stencils for decoration.

Surface Preparation:

The substrate must be perfectly dry, dust-free, with no humidity and salt stains. Resurface or consolidate the surface with specific products if necessary. Clean the surface and ensure it is free from algal and fungal growth and seepages post which apply Asian Paints Berger TUFF AR Primer.

Application details:

Apply 1st coat of Royale Play Artistica Clay on the primed surface using a steel trowel. Allow it to dry for 4-6 hours (uniform application). Apply 2nd coat of Royale Play Artistica Clay using a stencil when the 1st coat is dry, apply 3rd coat of Royale Play Artistica Clay when the 2nd coat is semi-dry using a stencil Allow it to dry for 6-8 hours before applying Royale Play protective coat.

Royale Play Artistica Clay can be applied in Exteriors only if top coated with at least two layers of Royale Play protective coat. It is recommended to apply one layer of color wash clear and to complete the process of decoration-protection of the surfaces, one or more layers of tinted color wash.

(The dilutions of the isolating material and the amount to apply, depend on the absorption of the substrate and are determined with preliminary tests on the specific substrate. Consult the relative technical data sheet).

RECOMMENDATIONS

- The material must be protected from freezing and thermal shocks throughout the entire application process.
- Do not apply when air, substrate and product temperatures are below +5°C or above +35°C, or in direct sunlight, or on hot surfaces (even if already in the shade). Environment humidity must be < 75%; the humidity of the substrate must be < 10%.
- It is recommended to finish the job using the same production batch. If different batches are used, we advise mixing the different batches together in order to avoid slight Colour differences.
- The use of Clay in exteriors implies the choose of light colors and the use of colorants resistant in exteriors. After the application, surfaces must be protected from rain and humidity.
- For correct use of the materials mentioned, dilution and application, read the relative technical data sheet carefully.
- Correct use of individual protection equipment (PPE) is recommended during all preparation of the substrate, products and application of the same.

WARNING

- Mix the material thoroughly before tinting and before application.
- Do not apply on fresh/new and essentially alkaline substrates.
- Wait for a maturation period with general duration of 4 weeks.
- Do not apply in the presence of rising damp.
- Application on concrete surfaces has a decorative function.

ADDITIONAL INFORMATION-SAFETY AND STORAGE INFORMATION

First -Aid:

Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / if swallowed, seek medical advice immediately and show this container or label.

The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste. For further information, consult the MSDS.

Storage & Handling:

The product must be used preferably within 2 years from the production date if kept in its original un-opened container and in conditions with suitable temperature.

As they are lime-based products, there may be an increase in viscosity during storage.

The information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any liability for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.