



DRYTEK® RENOVA

DS-7007-1026

For the Builders of a
Better World™



1. PRODUCT NAME

DRYTEK® RENOVA

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

DRYTEK® RENOVA is a white, fibre-reinforced, water-resistant skim coat and finish, designed for the restoration and enhancement of both new and existing walls and façades.

The formulation, based on selected binders, calibrated aggregates and special performance modifiers, ensures ease of application, excellent compatibility with cementitious substrates and a uniform finish of high aesthetic quality.

The combined action of the fibres and specific additives helps to minimise the formation of micro-cracks, improve the cohesion of the applied layer and increase the system's long-term durability. Its low water permeability, combined with its ability to allow the substrate to breathe, helps to protect masonry from the effects of damp and weathering.

Ideal for renovation, maintenance and finishing work on residential, commercial and industrial buildings, DRYTEK® RENOVA produces smooth, compact surfaces with a refined, finished appearance, ensuring

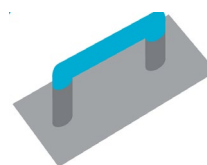
high technical performance and long-lasting aesthetic appeal for façades.

Advantages

- A white, fibre-reinforced, mineral-based, single-component, premixed finish.
- Water-repellent and suitable for the restoration and aesthetic refurbishment of façades.
- Suitable for internal and external applications in residential, tertiary, commercial and industrial construction.
- Can be applied by hand to traditional or premixed plasters, concrete and suitably prepared substrates that have already been painted or coated.
- Good workability thanks to the mixture's plastic and creamy consistency.
- It combines the breathability, plasticity and comfort of lime with the stability, strength and durability of cement.
- High adhesion to the substrate and good mechanical performance.
- Improves flexural strength, elastic behaviour and control of plastic shrinkage.
- Reduces capillary water rise and maintains good vapour diffusion.
- Promotes dimensional stability, durability of the substrate and greater resistance to dirt and biological agents.

Standard

- EN 998-1: GP CS IV Wc2



Applications

- Application of low-thickness interior finishing plasters, with a white appearance and fine grain size.
- Aesthetic restoration and refurbishment of façades on residential, tertiary, commercial and industrial buildings.
- Suitable for both internal and external surfaces.
- Finishing coat on traditional or premixed lime/cement-based plasters, new or existing, provided they are stable and correctly prepared.
- Application to concrete that has been suitably repaired, cleaned and levelled.
- Work on façades that have already been painted or clad, subject to verification of adhesion and suitable preparation of the substrate.
- Finishing and restoration of kerbs, cornices, balconies, parapets and soffits.
- Manual application as a water-repellent mineral finish, in accordance with the preparation and application instructions.

Suitable substrates

- Ready-mixed lime/cement-based plasters, new or existing.
- Concrete that has been suitably repaired, cleaned and prepared.
- Facades painted and/or clad with mineral or non-mineral finishes, subject to verification of adhesion and suitable preparation.
- Cementitious kerbs, cornices and decorative elements.
- Balconies, parapets and soffits.
- Stable, strong, clean, uniform substrates, free from dust, salt efflorescence, oils, greases and loose particles.

Packaging

25 kg per bag – 48 bags per pallet

Coverage / Consumption

1.5 kg/m² per mm of thickness

Storage

Twelve (12) months in the original, unopened packaging, stored off the ground in a cool, dry place. Do not store at temperatures below +5°C.

4. TECHNICAL DATA

Physical properties

Composition	Cementitious mortar
Colour	White
Density of the mixture	~ 1550 kg/m ³
Maximum particle size	0.5 mm
Flammability	No

Performance

Classification according to EN 998-1		GP CS IV Wc2
	Performance	Test method
Reaction to fire	A1 (system 4)	EN 998-1
Compressive strength	Class CS IV (20 N/mm ²)	EN 998-1
Water absorption	Wc2	EN 998-1
Water vapour permeability	<90	EN 998-1
Adhesion to concrete	1.4 N/mm ²	EN 998-1
Thermal conductivity (λ10, dry)	0.47 W/m·K (tabulated average value; P=50%)	EN 998-1
Durability	NPD	EN 998-1

Workability

Consistency of the mixture:	Creamy
Specific gravity of the mixture:	1.55 g/cm ³
Mixing ratio:	24–26 per cent water, corresponding to 6.0–6.5 litres of water per 25 kg bag
Application temperature:	From +5°C to +35°C
Minimum application thickness:	1 mm
Maximum application thickness:	5 mm per coat
Working time:	~ 60 minutes
Final curing time:	14 days
Temperature resistance:	From -30°C to +90°C

(data recorded at +23°C, 50% relative humidity)

The technical data provided have been measured under standard laboratory conditions and are subject to change without notice. The actual performance of the product depends on site conditions, the application method used and the type of coating.

5. APPLICATION

Preparation of substrates

Check that the substrate is stable, sound, level, clean and free from loose or detached parts. Remove dust, salt efflorescence, oils, greases, dirt and any contaminants that may compromise adhesion. Protect surfaces not to be treated and ensure that cornices, guttering and other elements do not introduce moisture during and after application. On concrete, first repair any degraded areas, cracks and areas affected by carbonation or oxidation of the reinforcement using the specific DRYTEK 40 or DRYTEK 10 mortar.

Consolidate powdery or loose substrates with a suitable consolidating primer. Check the consistency and adhesion of the substrate beforehand, paying particular attention to critical areas. Where surfaces are uneven, cracked or poorly levelled, provide for the use of reinforcement mesh embedded in the finishing layer.

Product preparation

Mix 6–6.5 litres of clean water per 25 kg bag using a low-speed mechanical mixer.

Pour approximately 3/4 of the mixing water into a clean container, add the powder and gradually add the remaining water, continuing to mix until a homogeneous, lump-free, plastic and creamy mixture is obtained, with a thixotropic consistency suitable for application.

To ensure the correct proportion of components and avoid dosing errors, it is recommended to use the entire contents of the bag.

Leave the mixture to rest for about 10 minutes, then stir briefly before use.

Any initial reduced water absorption is a normal phenomenon due to the presence of water-repellent additives. Use the product within 60 minutes of preparation.

In hot weather, use cool water; in cold weather, avoid using water that is too cold and protect the product from freezing.

Application

Apply the product with a smooth metal trowel in one or more coats, depending on the flatness of the substrate.

Spread an even layer, ensuring complete coverage of the surface.

In the case of uneven, cracked or movement-prone surfaces, embed an alkali-resistant fibreglass mesh into the skim coat.

Finish the surface with a trowel or spatula according to the desired aesthetic effect.

Protect the application during the curing phase from direct sunlight, strong wind, frost and rain.

Allow the product to cure completely before applying any decorative finishes or coatings.

Restrictions

- Do not apply to substrates that are frozen, thawing or at risk of imminent freezing.
- Do not use on unstable, crumbly substrates or those subject to persistent damp.
- Do not use for laying ceramic tiles or heavy cladding.

- Do not add cement, lime, additives or other materials to the product.
- Do not use the product once it has started to set or harden.
- Do not exceed the maximum recommended thicknesses in a single application.
- For substrates not listed or in special circumstances, check suitability for use beforehand.

Warnings

- Use at temperatures between +5°C and +35°
- In high temperatures, use cool water; in low temperatures, avoid using water that is too cold and protect the product from frost.
- Avoid application in conditions of intense sunshine, strong wind, rain or risk of frost.
- Protect freshly treated surfaces from drying out too quickly and from being washed off.
- Apply to a thickness of not less than 0.8 mm and not more than 5 mm per coat.
- Adhere to the water quantity specified in the technical data sheet to avoid any reduction in the product's mechanical and application performance.
- The use of an alkali-resistant fibreglass mesh is recommended in the following cases:
 - substrates with widespread hairline cracks or micro-cracks;
 - existing renders that are non-uniform or have varying absorption rates;
 - joints between different materials (concrete, brick, localised repairs, infill panels);
 - surfaces subject to thermo-hygrometric stresses or slight dimensional movements;
 - external façades particularly exposed to the elements and temperature fluctuations;
 - reinforced skim coats designed to increase resistance to cracking;
 - corners, edges and openings (doors and windows), where the risk of cracking is greatest.

The mesh must be completely embedded in the first fresh layer of skim coat and covered with a subsequent coat of the product.

- Keep out of reach of children.
- Product for professional use.

6. AVAILABILITY AND COSTS

Availability

LATICRETE® products are available worldwide. To find your nearest dealer, please contact LATICRETE EUROPE S.r.l.

Telephone: +39 059 535540

Email: info@laticreteeuropa.com

Website: <https://eu.laticrete.com/>

Prices

Please contact your nearest LATICRETE EUROPE S.r.l. stockist for full pricing details.

7. WARRANTY

The supplier guarantees that the product will not deteriorate under normal conditions of use. The guarantee is valid for one (1) year. Please contact Technical Support for further information.

8. MAINTENANCE

LATICRETE® products are high-quality products designed to provide long-lasting, maintenance-free installations; however, their durability and performance depend entirely on the type of cleaning products used.

9. TECHNICAL SERVICES

Technical Support

For further information, please contact Technical Support

Telephone: +39 059 535540

Email: info@laticreteeuropa.com

Technical and safety documentation

To obtain technical and safety documentation, please visit our website: <https://eu.laticrete.com/>

Warnings

The information and guidelines contained in this Technical Data Sheet, whilst based on knowledge gained through years of application, are to be regarded as indicative. As LATICRETE® cannot directly control the installation conditions and application methods of the products, it accepts no liability arising from their use. Anyone intending to use LATICRETE® products must carry out appropriate on-site tests to establish their suitability for the intended use.

Our products are covered by a warranty within the limits set out in our general terms and conditions of sale and to the extent that our products comply with the applicable technical specifications and certifications, as expressly indicated in the product data sheets or applicable technical documentation and expressly supplied by us with the products themselves.

10. DOCUMENTATION

Further product information is available on our website at <https://eu.laticrete.com/>.