

R-stone Fondo

Decorative textured coating for interiors and exteriors

GENERAL FEATURES

R-stone Fondo is a decorative coating made of special pigments, resins and selected inerts for the decoration of vertical interior and exterior surfaces.

R-stone Fondo represents the expression of Novacolor commitment to the environmental sustainability. To reduce the "carbon footprint", **R-stone Fondo** is formulated with a special binder, made from sustainable biomass, that replaces the fossil raw materials.

This is possible thanks to a technical-productive system called "mass balance approach" certified REDcert².

USES

R-stone Fondo can be used for exterior surfaces only if covered with at least two layers of R-stone or Animamundi per Esterni.

Applicable on:

- New and old base hydraulic binder-based plaster.
- Concrete surfaces.
- Plasterboard surfaces.
- Old paints and organic or mineral coatings, dry, compact, absorbent and cohesive.
- Various absorbent mineral conglomerates.
- ETICS surfaces (external thermal insulating composite systems)

The surfaces must be suitably prepared following the methods in the '**SUBSTRATE PREPARATION**' paragraph.

IDENTIFICATION FEATURES

Binder nature: acrylic polymer in watery dispersion.

Density:

R-stone Fondo: 1,65 +/- 0,05 g/ml

Drying (at 25°C and 65% R.H.): to the touch in 30 min.; can be over-coated after 8 hours.

REDcert² certified product: fossil resource saving product by using renewable raw materials in the value chain.

PERFORMANCES

R-stone Fondo permits to achieve concrete-like surfaces, highly textured effects with aged look.

R-stone Fondo permits to achieve different applications and effects according to the personal taste.

DILUTION

R-stone Fondo: ready to use.

WARNING

Properly mix the product before colouring and before the application.

Do not apply on fresh surfaces, wait for the adequate maturation time, generally of 4 weeks.

Applications on CLS surfaces has a decorative function.

If applied as top coat finish, **R-stone Fondo** can be protected with one or more layers of **Clear Coat** (transparent protective coat for interiors) using a thin roller.

SUBSTRATE PREPARATION AND APPLICATION

(Referred to environmental conditions T=25°C, UR=60%)

Plaster Substrates:

The substrate must be perfectly dry, dust-free, with no humidity and salt stains.

Resurface or consolidate the surface with specific products if necessary.

In case of mould, treat the surface with suitable specific products.

Brush or remove any efflorescence and old peeling paint.

Higher layers of old lime-based paint and tempera paint must be removed.

Brush out dust, smog or other deposits before the application.

Cracks must be properly enlarged and filled with fillers or similar products. Level substrates irregularities. Holes and cracks can be treated by proper levelling products according to the type of substrate.

Make sure that the substrate is perfectly dry and apply, with a brush a layer of diluted **Novaprimer** (acrylic water-based sealer) or alternatively apply with a brush a layer of diluted **Decofix** (micronized wall sealer).

For gently textured finishes apply one layer of **R-stone Fondo** with a stainless steel trowel.

After 8 hours at least apply with stainless steel trowel a second layer of **R-stone Fondo**, working the surface according to the desired effect.

Concrete surfaces:

The surface must be clean and dry, cohesive and compact and have no dust and mineral salt spots.

If necessary, restore or consolidate using specific products.

Treat the surface with appropriate products in the presence of mould.

Remove any salt bloom and any flaking old paint by brushing or washing. Completely delete any raised layers of paint. Remove the dust deposits, smog and other by brushing.

Remove the cement structural parts that are poorly adherent.

The reinforcement metal round bars that are visible on the surface must be brushed thoroughly and treated with passivating grout.

Restore the missing parts with suitable anti-contraction, thixotropic, fibre-reinforced mortar.

Perform final smoothing with anti-contraction anti-carbonation levelling agent.

Make sure that the substrate is thoroughly dry and apply a layer of diluted **Decofix** (micronized wall primer) and wait for the primer to dry.

For gently textured finishes apply one smooth layer of **R-stone Fondo** with a stainless steel trowel.

After 4 hours at least apply with stainless steel trowel a second layer of **R-stone Fondo**, working the surface according to the desired effect.

Technical Data Sheet: R-stone Fondo

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Pag. 1 a 2

New surfaces:

Before covering an ETICS surface, it is good practice to check:

- The adhesion of the insulating panels to the substrate.
- The presence of any inconsistent parts which are coming off or damaged; these must be removed.
- That the surface is smooth and not crumbling.
- There are no cracks on the surface between the various insulating panels.
- There are no algae or mould present, then proceed with sanitization using specific products, if necessary.
- The surface is dry and free from condensate.

Apply a layer of diluted **Decofix** (micronized wall primer).

Proceed with reinforced levelling using cement-based adhesive suitable for external insulation finishing system:

A smoothing agent is recommended with:

- maximum dimension of the aggregates: 0.75 mm
- adhesion to concrete/brickwork: > 0.25 MPa

Embed an alkali-resistant plaster mesh, with weight of approx. 150 gr/m² between the two levelled layers and wait for curing; see the manufacturer's technical data sheet.

For a slightly textured finish, apply a first layer of **R-stone Fondo** and smooth down.

After 4 hours, apply a second layer of **R-stone Fondo**, working the surface depending on the aesthetic effect desired.

R-stone Fondo can be used for exterior surfaces only if covered with at least two layers of R-stone or Animamundi per Esterni.

(Dilutions of the insulating element and the quantity to apply depend on the substrate absorption and must be determined with preliminary tests on the specific substrate. Consult the technical data sheet).

The protection of anti-mould and anti-algae finishes tends to consume over time, its efficacy and its durability are influenced by the climatic and environmental exposure and by the application system.

RECOMMENDATIONS

During the entire application process, the product must be protected from cold and high heat changes.

Do not apply with air, substrate and product temperature lower than +5°C and higher than +35°C, nor under direct sun light, nor on superheated surfaces (even if already in shadow). Environmental humidity must be <75%; substrate humidity must be <10%.

It is advisable to complete each work with materials from the same batch of production. When using multiple batches, it is recommended to remix the various products together to avoid slight differences in shading.

For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets.

During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

TOOLS CLEANING

With water, immediately after use.

YIELD

R-stone Fondo: 1 Kg/m² in two layers, depending on the kind of substrate and its absorption rate. It is advisable to determine the real yield with a preliminary test on the specific substrate

COLOURS

White and **R-stone** colour collection.

PACKAGES

5 Kg and 20 Kg packages.

SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed package and at temperatures between +5°C and +35°C.

SECURITY PROCEDURES

EU Directive 2004/42/CE:

R-stone Fondo (decorative effect coating)

EU Limit Value for R-stone Fondo (cat A/I): 200 g/l (2010)

R-stone Fondo contains maximum 200 g/l of VOC.

The product does not require labeling in accordance with the regulations in force. Use the product according to current standards of hygiene and safety. Do not empty into drains, water courses or onto the ground; after use do not litter containers, allow the residue to dry and treat them as special waste. Keep out from children presence. If swallowed, seek medical advice immediately and show this container or label. For more information see the safety data sheet.

N.B. - NOVACOLOR guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets.