

Fondo Universale

Universal primer for interiors and exteriors

GENERAL FEATURES

Fondo Universale is a water-based primer for interiors and exteriors, based on acrylic resins in water dispersion.

Fondo Universale can be applied on various kind of substrates, including undercoat preparations for decorative and protective cycle in exteriors. **Fondo Universale** is the ideal key coat for the application of decorative finishes on unconventional substrates.

USES

The product is suitable for exterior and interior use and can be applied on:

- New, old or previously varnished woodwork; (doors, skirting boards, beams, panels, etc.)
- Any other article made from wood requiring either professional or DIY painting.
- Non-anodized aluminum and galvanized surfaces.
- On masonry in houses, business premises, hospitals, for civil use in general.
- On plastic materials and PVC.

The product can NOT BE PAINTED OVER with nitrocellulose-based products, or products thinned with nitro thinner.

Pay ATTENTION to the treatment of woods rich in tannin. To prevent the formation of unaesthetic dark stains apply specific primer.

IDENTIFICATION FEATURES

- Type of binder: water-based acrylic copolymer
- Specific gravity per UNI EN ISO 2811-1: $1,33 \pm 0,05$ kg/l
- Drying (at 25 °C and 65% R.H.): touch dry 2 hours, coatability after 6 hours.

DILUTION

For application by brush and roller dilute at 5-10% with water.

For application by spray-gun dilute at 15-20% with water.

WARNINGS

Mix the product properly before the tinting phase and the application.

Do not apply on new/fresh substrate.

Wait a maturation time of 4 weeks approximately.

SUBSTRATE PREPARATION AND APPLICATION

(T=25° C, UR=60%)

Woodwork:

Sand lightly in order to remove the raised wood fibers.

Eliminate any coats of old flaking varnish and coarsen all the surfaces which have already been varnished. Remove any resin using the Nitro thinner.

Fill the imperfections with synthetic filler. Rub down the fillings and eliminate any dust.

Apply 2 coats of **Fondo Universale** on a clean, dry surface.

After at least 6 hours proceed with the application of the finishing product.

Plaster surfaces:

Make sure that the surface is thoroughly dried and aged. Resurface or consolidate using specific products if necessary.

If mold is present, treat the surface with adequate products.

Brush or wash to remove any efflorescence and any old peeling paint. Eliminate completely any raised layers of lime-based or tempera paints.

Remove any dust, smog or other deposits by brushing.

Level any irregularities in the surface and treat holes, cracks, crevices and gaps. Use adequate sealants to seal any cracks.

Sand putty and touch-ups with sandpaper; remove dust.

Smooth the substrate with adequate products, if required. On highly chalking surfaces, apply one coat of **Decofix** (water-based sealer based on micro-emulsions).

Apply 2 coats of **Fondo Universale** on a clean, dry surface.

After at least 6 hours proceed with the application of the finishing product.

Galvanized aluminum or light alloys:

Remove all traces of oxide by means of mechanical or manual cleaning.

Carefully remove any grease using suitable alkaline solutions or thinner.

Apply 2 coats of **Fondo Universale** on a clean, dry surface.

After at least 6 hours proceed with the application of the finishing product.

Plastic (PVC):

Sand the surface in order to coarsen it slightly.

Remove any grease from the surface and clean.

Apply 2 coats of **Fondo Universale** on a clean, dry surface.

After at least 6 hours proceed with the application of the finishing product.

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 their use.

YIELD

Fondo Universale: 4-5 m²/l, in two coats, depending on the kind of substrate and absorption rate.

It is recommended to test the effective yield with a previous trial on the specific substrate.

PACKAGES

Cans of 2,5 l

SHELF LIFE

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

SECURITY PROCEDURES

EU Directive 2004/42/CE:

Fondo Universale (primer)

Limit Value UE for **Fondo Universale** (cat A/g): 30 g/l (2010)

Fondo Universale contains 30 g/l of VOC maximum.

The product does not require the label as per the D.L. 65 dated 14/03/03 and following corrections. Use the products as per the

security and hygiene procedures rules. Dispose of the empty packaging remaining material in compliance with local laws. Keep the product away from children usage and in an airy place.

In case of contact with eyes, wash them immediately with water. In case of ingestion of the products, consult immediately a doctor showing him the can or the label of the product. Do not leave wastes in drains, water courses and on the ground. For further information consult 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.