

# Decor®

**HydroRapid technology universal decorative glaze, extra matt finish with silk-touch effect, ideal for use in GreenBuilding.**

Water-based coloured finish that is decorative and protective, for advanced resistance to scratches, water, oils, and liquids, including food liquids. Ideal for covering any surface (wood, aluminium, metal, PVC, MDF), is applied to multiple elements and furnishing (doors, windows, plaques, shelves, lights, grilles, radiators and objects in general). For internal and external use, in domestic and commercial environments. For horizontal and vertical finishing.



**GREENBUILDING RATING®**

rating 1

Water-based formulation

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

## PRODUCT STRENGTHS

- Quick drying
- Easy to apply with a brush, roller or spray
- Non yellowing
- Suitable for multiple materials
- Silk-touch effect
- Extra matt

## AREAS OF USE

### Use

Universal glaze for:

- wooden doors and windows, either newly-seasoned or old to be repainted
- aluminium frames and plaques
- PVC frames and plaques
- radiators and metal items duly treated with rust-preventive primer
- MDF, multilayer, or solid wood furniture

For internal and external use

### Do not use

On cool substrates (< +10 °C), on humid substrates, in environments subject to prolonged contact with water or liquids, such as coating for tanks, containers for liquids, on metal surfaces that have rust, and in the presence of rising damp. Do not use more than 1.5 hours after mixing.

## INSTRUCTIONS FOR USE

### Preparation of substrates

**Metal surfaces to be repainted:** mechanically remove any old varnish with wire brushes and emery cloth until the metal is shiny. In case of large surface areas, industrial paint, or serious corrosion, resort to dry sanding. Carefully clean the surface and apply a suitable rust-preventive anti-corrosion product. Before application, check that the temperature of the metal surface is warmer than +10 °C. Apply the first coat pure to act as an adhesion-promoter. Check that the temperature of the substrate (> +10 °C) and the ambient temperature (> +15 °C) are sufficient, and wait 6 – 12 hours before applying the subsequent coats over top (diluted with clean water to 5 – 10% by weight, until desired coverage is achieved).

**Unpainted wooden surfaces:** sand and apply the first coat diluted with clean water to 30% over the entire surface. Sand the first coat of primer after it has fully dried until an even and smooth surface is achieved. Wait 6 – 12 hours for applying subsequent coats on top (diluted with clean water to 5 – 10% by weight, until the desired coverage is achieved).

**Wood surfaces to repaint:** sand the entire surface and clean thoroughly. Window and door jambs and frames can be rendered in advance with Wallpaper®. Invisible and skirting board substrates, can be grouted in advance with Fugabella® Eco PU 40 or Wallpaper®.

## INSTRUCTIONS FOR USE

### Preparation

Mix part A before use. Add the hardening compound whilst stirring in the ratio part A : part B = 5 : 1.1 (in weight) and mix well until completely blended. For application on non-absorbent surfaces, prepare the first coat pure. For absorbent surfaces, dilute to 30% with clean water and mix again for application of the first coat to serve as primer or base coat. For subsequent coats, dilute the product to 5 – 10% using clean water and repeat the application over completely dry product until coverage is achieved. Leave the mixture to rest for a few minutes before applying.

### Application

Decor® must be applied carefully over the entire surface with a short-bristle roller, such as Roller Plus, or a sponge, brush, or spray in two, three, or more coats until desired coverage is achieved (depending on the colour used); dilute the first coat to 30% by weight with clean water to serve as primer for absorbent substrates. For pale colours (WR01 – WR03), 4 coats (maintaining the coverage of 0.1 kg/m<sup>2</sup> per coat) may be necessary for a complete coverage if starting from a dark base. On non-absorbent surfaces such as metal or plastic, apply the first coat pure. In subsequent coats dilute with ≈ 5 – 10% by weight with clean water and mix again.

Conditions required for decorating are ambient and substrate temperatures between +15 °C and +30 °C and relative ambient humidity lower than 75%.

Before applying on metal, check that the temperature of the surface to be coated is higher than +10 °C.

On large surfaces, do not cross the roller strokes, keeping the front wet and avoiding passing over areas that have already been covered to avoid depositing the pigment in the film, preventing the colour from changing.

The interval before re-application between first and second coats is 6 – 12 hours, and 2 – 12 hours for subsequent coats. Use coverage of ≈ 0.1 kg/m<sup>2</sup> per coat. If more than 12 hours elapses between one coat and the next, sand lightly with a Durasoft System Softpad abrasive before applying the subsequent coat.

Do not apply when the substrate is directly exposed to sunlight. After application, the surfaces must be protected against water and humidity until the film has dried completely.

In cases where different lots of coloured product are used, or when completing a job, it is advisable to mix the various quantities together (part A) so as to avoid slight differences in tone.

### Cleaning

Residual traces of Decor® can be removed from tools using water before the product hardens.

## SPECIAL NOTES

Protect all treated surfaces from rain and strong humidity during the first 48 hours following application. Especially thick applications of product in a single coat will result in longer full-depth drying times.

Always use clean containers and tools. Use within 1.5 hours from mixing.

once opened, the pack must be used as quickly as possible.

The photographic images in the Kerakoll Design House catalogue and on the [www.kerakolldesignhouse.com](http://www.kerakolldesignhouse.com) site as well as the colour chart samples provided are for general indication only.

The Kerakoll Design House surfaces in different materials have different tone, saturation, and lightness. Use material from a single production batch for each project.

Materials coming from different batches may have variations in tonality and colour.

The surface Texture of Kerakoll Design House is characterised by marbling, discontinuous material vibrations, and natural irregularities resulting from handmade craftsmanship that is carried out during implementation.

## ABSTRACT

*Coloured protection and decoration on surfaces, using application by brush, roller, or spray of protective and decorative opaque universal water-based glaze based on polyurethane binders in dispersed in water, highly protective against aggressive substances and scratch-resistant, with excellent adhesion to iron, galvanised sheet metal, wood, and PVC, 100% according to DIN 53151/ISO 2409/ASTM D 3359, non-toxic under standard EN 71-3, will be achieved with organic liquid finish compliant with directive 2004/42/EC, GreenBuilding Rating® 1, Decor® type by Kerakoll Spa, applied by roller in two coats of ≈ 0.1 kg/m<sup>2</sup> per coat.*

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance:	
- part A	coloured liquid (WR01 – WR10)
- part B	transparent liquid
Volumetric mass A+B	≈ 1.11 kg/ℓ
Pack	part A: 1.25 kg bucket / part B: 0.275 kg bottle
Chemical nature	two-component polyurethane emulsion, dispersed in water
Shelf life	≈ 12 months in the original packaging in dry environment
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Mixing ratio	part A : part B = 5 : 1.1
Dilution	clean water
Working time of mixture	≤ 1.5 hr
Temperature range for application	from +15 °C to +30 °C
Humidity of the substrate	≤ 2%
Temperature of the substrate	≥ +10 °C
Waiting time between 1 <sup>st</sup> and 2 <sup>nd</sup> coat	6 - 12 hrs
Waiting time between subsequent coats	2 – 12 hrs
Dilution with water:	
- on non-absorbent substrates	0 – 10% by volume
- on absorbent substrates	0 – 30% by volume
Touch-dry	≈ 1 hr
Coverage per coat	≈ 0.1 kg/m <sup>2</sup>

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e. temperature, ventilation and absorbency level of the substrate.

## PERFORMANCE

### HIGH-TECH

#### Adhesion test:

- on iron	100%	DIN 53151/ISO 2409/ASTM D 3359
- on galvanised sheet metal	100%	DIN 53151/ISO 2409/ASTM D 3359
- on wood	100%	DIN 53151/ISO 2409/ASTM D 3359
- on PVC	100%	DIN 53151/ISO 2409/ASTM D 3359

Non-toxic Compliant EN 71-3

Values taken at +20 °C, 65% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

## WARNING

- **Product for professional use**
- abide by any standards and national regulations
- use at temperatures between +10 °C and +30 °C
- apply on dry substrates
- do not add binders or additives
- protect from direct sunlight and currents of air for the first 6 hours
- do not apply on dirty or loose surfaces
- dispose of as indicated in applicable legislation
- protect any surfaces and objects in the application area from accidental contact with the product
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - [globalservice@kerakoll.com](mailto:globalservice@kerakoll.com)

The Rating classifications refer to the GreenBuilding Rating® Manual 2013. This information was last updated in July 2019 (ref. GBR Data Report - 07.19); please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see [www.kerakoll.com](http://www.kerakoll.com). KERAKOLL SpA shall therefore be liable for the validity, accuracy and updating of information provided only when taken directly from its institutional website. The technical data sheet given here is based on our technical and practical knowledge. As it is not possible for us to directly check the conditions in your building yards and the execution of the work, this information represents general indications that do not bind Kerakoll in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.



**KERAKOLL**  
The GreenBuilding Company

KERAKOLL S.p.a.  
Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italy  
Tel +39 0536 816 511 - Fax +39 0536 816 581  
[info@kerakoll.com](mailto:info@kerakoll.com) - [www.kerakoll.com](http://www.kerakoll.com)