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Fully paid-up share capital  
€ 3.000.000,00  
Legal title  
no. 26 dated 20 May 1944

COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV  
ISO 9001

**31100050**

**REVIVE**

## waterborne regenerating enamel for interiors



A high-performance waterborne satin acrylic system designed for adhering to vertical and horizontal tiles in domestic environments (kitchens, bathroom, children's bedrooms, etc.) and in highly frequented public places. Ideal for use on stoneware, terracotta and concrete floors. The REVIVE system consists of the REVIVE waterborne enamel to be admixed with the appropriate REVIVE Active activator and, when applied to floors, with REVIVE Antiskid, which adds anti-skid properties to the product.



<b>Date of revision</b>	20/01/2023
<b>Composition</b>	A single-component, physically drying semi-glossy acrylic finish paint in aqueous dispersion. Classified as per UNI 8681:B4. C.O.A.1.FA.
<b>Main properties</b>	<ul style="list-style-type: none"><li>• fast</li><li>• easy</li><li>• clean</li></ul>
<b>Applications</b>	The REVIVE system can be applied on various types of surfaces, including walls and floors made of concrete or tiled with stoneware, terracotta or clinker. It is suitable for use in kitchens, bathrooms, balconies and public places such as shops, offices, healthcare facilities, schools and establishments subject to HACCP regulations.
<b>Colour</b>	Bianco base, Colormaker bases. It can be coloured with the Colormaker tinting system; the number of available bases is indicated in the catalogue and in the Colormaker Lab software.

<b>Technical specifications</b> (data measured at 20°C, with 65% R.H.)	<b>Reference</b>	<b>UoM</b>	<b>Value</b>
Specific weight (pycnometer)		kg/l	1.225 ± 0.025
pH			8.00 ± 0.50
Gloss 60° (instrumental control)		GU	30 ± 10
Grain structure	EN ISO 13300	µm	<100 fine
Resistance to brushing while wet	EN ISO 13300		Class 1
Dirt-trapping capacity	UNI EN 10792:1999		< 3.0 (very low)
Odour release	UNI EN 11021:2002		Grade 0
Cleanability	UNI EN 11021:2002		< 3.0 (very low)



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Resistance to type-A washing agents	UNI EN 11021:2002	No alteration
Resistance to type-B washing agents	UNI EN 11021:2002	No alteration
Resistance to type-C washing agents	UNI EN 11021:2002	No alteration
Resistance to disinfectant agents	UNI EN 11021:2002	No alteration
Resistance to moulds	UNI EN 11021:2002	No alteration
Coat-over time	hours	4-6
Walk-over time	hours	8
Attainment of optimal performances	days	10-15

### Method of use

- . Surface and application conditions Ambient temperature min. +10°C / max. +35°C R.H. <80%  
Temperature of support min. +10°C / max. +35°C R.H. <10%.
- . Application method Velour-type short-bristle roller, brush only for small surfaces and finishing jobs.
- . Thinner Water.
- . Dilution From 5% to 10%.
- . Mixing Add one bottle of 31100100 REVIVE Active for every 0.750-litre container and 3 bottles in case of 2.5-litre containers. Mix thoroughly and leave to take effect for 10 minutes, then dilute or apply the product.
- . Theoretical coverage 8-12 m<sup>2</sup>/l per coat, depending on the absorbency of the surface.

### Application cycle

#### Preparing the REVIVE system

Add one bottle of REVIVE Active for every 0.750-litre package of REVIVE and three bottles in case of 2.5-litre packages. Mix thoroughly and, after roughly 10 minutes, dilute the contents if necessary. The adhesion promoter will be effective for no longer than 3 days, after which the addition must be simply restored.

To add a anti-slip effect, the final layer must be admixed with REVIVE Antiskid, one bottle of which must be added for every 0.750-litre container and three bottles in case of 2.5-litre containers.

#### Preparing the support

Make sure that the residual humidity of the support does not exceed 5% so as to avoid potential detachments. Moreover, check that the temperature of the support is below 10°C.

##### Concrete:

Make sure that the support has been seasoned for at least 1 month and that it is well dry and free of dirt, dust and loose parts. Depending on the support's degree of absorbency, apply one or two coats of 23400003 TITANCRIL consolidating sealer diluted 1:3 with water, mix thoroughly and spread the product uniformly over the surface. Wait at least 6 hours and then apply REVIVE.



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#### **Tiles:**

The surfaces must be perfectly degreased, free of detergent residues and dry.

In order to prevent water puddles, outdoor paving must have a slope of at least 15 mm for every metre, as stated in the UNI 11146 standard concerning "Criteria for the design, construction and testing of concrete floors".

The application system and the surface preparation must be assessed and chosen on the basis of the current state and on the conditions to which the support itself will be exposed.

#### **Supports:**

The supports must be intact, clean (free of oil and grease), dry and free of efflorescence, moulds, algae or fungi. Use Biosistem Titansan to clean surfaces contaminated with microorganisms. They must not be chalking or have detaching parts.

#### **Preparation of the supports:**

Sand the surfaces to improve adhesion then clean the supports and consolidate chalking surfaces. Repair surface defects using adequate products for the professional building sector. Do not apply the product on new plaster for at least 4 weeks.

### **Application procedures**

#### ***New cement screed floors:***

- Apply one or more coats of 23400003 TITANCRIL consolidating sealer diluted 1:3 with water.
- Finish the surface by applying two coats of the REVIVE system diluted 5-10% by volume with water, with an interval of 4-6 hours in between the coats, using a short-bristle roller.

#### ***Deteriorated or irregular cement screed floors, or outdoor paving:***

- Degrease and clean the support; remove loose and peeling parts of the old finishing cycle using a single-disc floor cleaning machine.
- Remove any traces of oil or grease through shot-peening or by removing the relevant part of the support; repair any removed parts using appropriate anti-shrinkage fibre-reinforced cement mortars.
- Apply one or more coats of 23400003 TITANCRIL consolidating sealer diluted 1:3 with water.
- Finish the surface by applying two coats of the REVIVE system diluted 5-10% by volume with water, with an interval of 4-6 hours in between the coats, using a short-bristle roller.

#### ***Tiled floors:***

- Check that the tiles are perfectly anchored to the support; if not, remove them and replace them with similar tiles then wait for the binders/grouts to dry.
- Degrease and wash the floor.
- Test the product beforehand on a small area to verify whether it adheres perfectly to the support.



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- Apply two coats of the REVIVE system diluted 5-10% by volume with water, with an interval of 4-6 hours in between the coats, using a short-bristle roller.

*Floors already treated and/or painted with specific products:*

- Degrease and clean the support; remove loose and peeling parts of the old finishing cycle using a single-disc floor cleaning machine; remove any traces of oil or grease through shot-peening or by removing the relevant part of the support; repair any removed parts using appropriate anti-shrinkage fibre-reinforced cement mortars.
- Test the product beforehand on a small area to verify whether it adheres perfectly to the support.
- Apply one preliminary coat of the REVIVE system diluted 2:1 with water.
- Apply two coats of the REVIVE system diluted 5-10% by volume with water, with an interval of 4-6 hours in between the coats, using a short-bristle roller.

*Skim-coated or two-coat plastered walls, or concrete walls:*

- Apply one or more coats of 23400003 TITANCRIL consolidating sealer diluted 1:3 with water.
- Finish the surface by applying two coats of the REVIVE system diluted 5-10% by volume with water, with an interval of 4-6 hours in between the coats, using a short-bristle roller.

*Walls already painted with firmly anchored washable paints:*

- Apply one preliminary coat of the REVIVE system diluted 2:1 with water.
- Finish the surface by applying two coats of the REVIVE system diluted 5-10% by volume with water, with an interval of 4-6 hours in between the coats, using a short-bristle roller.

*Irregular plasters, plasterboard and gypsum skim coats:*

- Uniform the surfaces by skim-coating them with TITANSTUCCO then wait until they dry completely before sanding them to eliminate any irregular patches and excess putty.
- Apply one or more coats of 23400003 TITANCRIL consolidating sealer diluted 1:3 with water.
- Finish the surface by applying two coats of the REVIVE system diluted 5-10% by volume with water, with an interval of 4-6 hours in between the coats, using a short-bristle roller.

*Tiled walls:*

- Check that the tiles are perfectly anchored to the support; if not, remove them and replace them with similar tiles then wait for the binders/grouts to dry.
  - Degrease and sand the supports then brush them.
  - Test the product beforehand on a small area to verify whether it adheres perfectly to the support.
  - Apply two coats of the REVIVE system diluted 5-10% by volume with
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water, with an interval of 4-6 hours in between the coats, using a short-bristle roller.

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## Notes

Do not apply REVIVE on surfaces where water puddles form, nor on shower trays or bathtubs.

REVIVE can be coated only using colouring pastes of the Colormaker tinting systems.

REVIVE can be walked on carefully 6-8 hours after application and reaches its maximum resistance after roughly 15 days; during this time, do not cover the support with cardboard, sheets, etc., except temporarily, so as to allow it to dry properly.

Due to the wide variety of existing floors, we suggest performing a trial beforehand on a small portion before proceeding with the full painting cycle.

The presence of any wax, silicone and grease, or inadequate supports, can jeopardise the product's adhesion.

For outdoor use, avoid applying the product in highly humid conditions (see frost or dew build-up) or if rain is forecast during the first 6/7 days after application, as these conditions could hamper the proper film-forming capacity of REVIVE.

One week after being applied, the product must be sanded if another coat must be applied or if touch-ups are required.

Do not clean the surface with alcohol-based detergents.

## Storage

Protect against frost, store at temperatures between +5°C and +20°C. REVIVE remains unaltered for 2 years after its date of production shown on the package, if the container is intact and never opened. Once opened, the undiluted product can be kept for 3 months in the closed container stored in the dark.

## Applications

The REVIVE system can be applied on various types of surfaces, including walls and floors made of concrete or tiled with stoneware, terracotta or clinker. It is suitable for use in kitchens, bathrooms, balconies and public places such as shops, offices, healthcare facilities, schools and establishments subject to HACCP regulations.

## Warnings

Wash brushes and tools immediately after use; do not dump the wash water in the ground or into groundwater.  
Keep out of reach of children.  
For further information, consult the safety data sheet.



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**VOC Classification - Directive  
2004/42/EC - Italian Legislative  
Decree no. 161/2006**

I/A - maximum 140 g/l (2010).  
Maximum VOC content of REVIVE BIANCO BASE ready for use: 140 g/l.

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**Specification items**

Apply 2 coats of the REVIVE waterborne reviving system for interiors in the colour desired by the works manager, after suitably preparing the surfaces to be treated. Includes materials and application, excludes skimming and/or scaffolding.

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This information is the result of our practical experience but is purely indicative. For more detailed information, please contact our technical support service. This sheet cancels and substitutes any previous editions.

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