



PAINT AIR

PRODUCT DESCRIPTION

PAINT AIR is an acrylic-siloxane paint formulated to paint any mineral surface (except for chalk-based) and to create decorative coatings with the possibility of choosing between a broad range of colours.



PRODUCT APPLICATION

- To paint any type of mineral surface, such as old and new plaster (except gypsum-based), sandstone, etc
- Painting surfaces with synthetic finishes or plastic paint
- Decorative coating on mineral surfaces

ADVANTAGES

- Excellent water repellency
- Excellent resistance against aggressive physical and chemical atmospheric agents (ex: wind, smog, etc)
- Highly resistant to UV rays
- Vast range of colours available
- Good deformability
- Low dirt pick up
- Excellent vapour permeability
- Adheres firmly to mineral-based surfaces, even if painted

PREPARATION AND APPLICATION Preparing the surfaces

Surfaces with the presence of mould, algae and fungi

Thoroughly pressure blast the surfaces to remove any micro-organisms, wait for them to dry and apply an undiluted coat of PROCLEAN disinfectant treatment (see relative data sheet), then wait at least 2-3 hours before applying the base product of the following PAINT AIR.

Surfaces coated with CP1/CP0

Wait for complete curing, then clean any build-up or dust from the surface by brushing or low-pressure washing.

When the surface is dry, apply PROFIX 40 (see related technical data sheet) in the same colour as the PAINT AIR finish.

It is only possible to leave out PROFIX 40 if the colour of the surface and the PAINT AIR colour are identical or slightly different.

Surfaces such as deteriorated, powdery or weakened plasters

Remove the inconsistent or detached parts from the surface by brushing and thorough pressure-washing and restore.

Apply PROFIX 30 (see relevant technical data sheet) with fixative effect on all surfaces except



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restorations.

Wait at least 24 hours after completing repairs and level all of the surfaces with X-LIME or CP1 (see relative technical data sheets).

Existing surfaces in good state or newly-built, such as: plaster, repair and levelling mortars in general, reinforced levelling compounds and thick coatings, paints and varnishes.

Wait for the newly prepared surfaces to cure completely.

Apply PROFIX 40 in the colour corresponding to the PAINT AIR finish or, in case of equivalence or slight difference between the colour of the substrate and the colour of PAINT AIR, apply PROFIX 20 (see relevant data sheet) to unify the absorption.

Preparing the product

PAINT AIR must be diluted before use with a water percentage of 10-15%, depending on surface absorption and the environmental conditions during application.

Thoroughly mix PAINT AIR, possibly with a low-speed whip-fitted drill, while adding the necessary amount of water.

Application

Apply the first layer of PAINT AIR on the dry surface, using brush, roller or airless machine, continuously wet on wet so as to prevent shading in the overlapping areas.

Leave to set for 6 hours in normal humidity and temperature conditions (room temperature +20°C; room humidity 60%) and then apply the second layer in the same way.



References available at www.volteco.com

CONSUMPTION AND YIELD

A bucket of PAINT AIR will cover approx. 40 m², which is based on a theoretical consumption of two layers of about 0.3 l/m².

PACKAGING AND STORAGE

PAINT AIR is packed in 14 l buckets.

The product must be stored in a dry place without being exposed to frost and heat (maximum temperature: 35°C) or direct exposure to the sun before being applied.

Storage time 12 months.

WARNINGS - IMPORTANT NOTES

Do not apply the product in direct sunlight.

Do not apply PAINT AIR while it is raining or on wet surfaces.

Do not apply the product to fresh and potentially alkaline surfaces.

If PAINT AIR is applied in unsuitable weather conditions, the curing times will be affected, thereby compromising the achievement of optimal aesthetics and performance characteristics.

During the application phases, it is advisable to use tarps on the scaffolding to create shade and provide protection against sunlight, wind and any rain.

Do not use PAINT AIR to coat tanks or water containers.

The product may feature deposits: always mix before using any of it.

The final paint colour may vary slightly from that of the sample or the colour selected from the colour chart.

It is therefore recommended to always paint a test area before starting the actual job.

Minor variations do not constitute the right to make a claim.

There may be slight shade variations in various production batches; it is therefore recommended to use colours of the same batch to paint one surface.

When the application of PAINT AIR is finished, rain, night condensation, fog or high humidity in general could cause white-ish, translucent streaking ("snail streaks").

This temporary phenomenon does not affect product performance and can be easily eliminated with pressure washing or waiting for the next rainfall.

Clean the tools well with water after use and remove dry paint with a nitro thinner.

The preparation and installation data refer to normal environmental conditions (temperature +20°C; relative humidity 60%).



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PHYSICAL AND TECHNICAL SPECIFICATIONS

Specification	Values
Appearance	matt
Specific weight	> 1.6 kg/l
Dry residue	60%
Final thickness	250÷300 micron
Application temperature	from +5 °C to +30 °C
Drying time at +25 °C and 60% R.H. dry dust free through dry	60' 10÷12 hours
Water vapour permeability (UNI EN ISO 7783-2)	Sd < 0.125 m of air
Liquid water permeability (UNI EN 1062-3)	$0.1 < W_{24} < 0.5 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0.5}$

Feature	Category	Test method	Certified performance (**)
VOC content	CAT. C - BA paints for outside mineral support walls Maximum limit: 20 g/l	Directive 42/2004/EC	0.50 g/l

The quoted data are obtained in a laboratory at +20 °C and 60% RH.

SAFETY

Refer to the related Safety Data Sheet.

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