



arteMURI® UNO SMART



Filling and covering interior paint



NON CONTIENE SOSTANZE
DANNOSE PER LA SALUTE
FORMALDEIDE free

Product description and fields of use

UNO SMART is a breathable water paint based on synthetic copolymers in aqueous dispersion, free of solvents, formaldehyde and with very low levels of VOC (Directive 2004/42 EC). It has a matt, smooth and velvety look with a high white point.

It is easy to apply, it has a good expansion capacity and a high fullness characteristic that makes the product suitable for painting interior premium wall surfaces.

UNO SMART is suited for the application on interior surfaces, mortar plasters based on hydraulic lime-binder, civil finishes, bases for gypsum-based finishes and plasterboard.

Advantages

- excellent breathability
- good white point
- good fullness and coverage
- opaque appearance

The reported data refers to Quality Control tests in standard environmental conditions. Practical applications in the construction sites may detect significantly changed data, depending on operating conditions, so the information on the Card is only indicative because the user must always check its suitability for intended use of the product by taking responsibility for the use. Fornaci Calce Grigolin S.p.A. reserves the right to make technical changes of any kind without prior notice.

UNO SMART

Technical specifications

Interior wall surfaces, such as mortar plasters, based on hydraulic lime-binder, premixed and traditional, civil finishings, conglomerates in concrete and surfaces in gypsum of various kinds, can be finished with the extra-white, high coverage, smooth, breathable, water paint UNO SMART from Fornaci Calce Grigolin, product based on copolymers in watery dispersion. The minimum consumption of this product is equal to 0,20 l/m² in two coats.

Consumption and packaging

UNO SMART is supplied in 14 l. buckets.

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Rules on conservation

Store at temperatures between +5°C and +30°C in original sealed containers. Under these conditions, life of stored product is at least one year. Avoid freezing temperatures.

Surface Preparation

New wall surfaces must be cured and dry from at least 4 weeks, clean, free from dust and loose parts.

Old supports must be consistent, free of salt efflorescence and poorly adherent parts, carefully cleaned according to nature and intensity of dirt deposited on the surfaces to be treated. To level and plaster imperfections such as holes, cracks or crannies, intervene first with appropriate restoration product or mortar. Clean up any mold or algae present with the SEI KO detergent and then sanitize the surface with the SEI OK sanitizer.

On already painted surfaces, check the conditions of the film and completely remove degraded paint, thick finishings and non-adherent paints.

Surface treatment

New plasters/gypsum/plasterboard: apply one layer of UNO FIX.

Plasters with mineral paint (lime or silicate): apply one layer of UNO FIX or ONE MICRO.

Plasters with the presence of synthetic paints (acrylic, siloxanic): apply directly.

Cement/concrete/fibre-cement: apply one layer of ONE MICRO.

New plasters/gypsum/plasterboard: apply one layer of UNO FIX or ONE MICRO.

Plasters/gypsum/plasterboard with tempera: apply directly.

Plasters/gypsum/plasterboard painted with washable paints: apply directly.

Product preparation

In the case of applications with a brush, dilute 30% by volume of water for the first layer, with 25% for the second.

For applications with a roller, dilute with max. 15-20% by volume with water.

In both cases, mix well the whole.

Application

Apply a first coat taking care to evenly distribute the product over the entire surface. After about 2-4 hours, proceed with the application of the second coat, taking care to cross the senses of application.

UNO SMART

Important warnings

Do not apply when ambient or surface temperature is below +5°C or above +35°C and with R.H. over 75%. Avoid application in the presence of surface condensation, under the direct action of the sunlight or strong wind. Immediately after use rinse tools and equipment with water.

Safety instructions

The product does not require hazard labeling according to existing regulations. Use the products according to existing standards of hygiene and safety. After use, do not disperse the containers into the environment. Allow residues time to dry and treat them as special waste. For more details, see safety sheet

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| TECHNICAL DATA | PERFORMANCES |
|---|---|
| Binder type | acrylic copolymers |
| Texture | paste/pigmented |
| Specific weight (UNI EN ISO 2811-1) 25°C±2 | 1680 ± 20 g/l |
| Brookfield viscosity (ASTM D2196) 25°C±2 | 18.000 ± 2.000 cP |
| Permeability to water vapor (UNI EN ISO 7783-2) | V = 405 g/m ² 24h Class I (high permeability) |
| Thickness of the equivalent air layer (UNI EN ISO 7783-2) | Sd = 0,052 m |
| Gloss level (UNI EN ISO 2813) | <5 gloss, opaque |
| COV Content (DIR. 2004/42/CE) | Opaque paint for walls and ceilings – A category EU limit values for sub-category a type BA 30 g/l (2010) This product contains a maximum of 30 g/l COV |
| Application | brush, roller, spray or airless |
| Consumption | brush/roller - approx. 160 g/m ² per coat (0,10 l/m ²) spray/airless - approx. 740 g/m ² per coat (0,10 l/m ²) |
| Theoretical yield | brush/roller - 5 m ² /l two coats spray/airless - 2,5 m ² /l two coats |
| Decoration on the product | 2-4 hrs |

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