



arteMURI® ONE MICRO



Consolidating transparent primer in micro-emulsion.



NON CONTIENE SOSTANZE
DANNOSE PER LA SALUTE
FORMALDEIDE free



LEED 4.1
Compliant

Product description and fields of use

ONE MICRO is an impregnating base, water-based, transparent, odorless, high penetration power, based on acrylic copolymers in watery dispersion with fine particles; solvent-free, formaldehyde-free and with very low levels of VOC (Directive 2004/42/EC) suitable for application on external and internal wall surfaces.

The product has excellent resistance to the alkalinity of the surface and, thanks to the ability of the polymer to penetrate inside the pores of treated surface, it stabilizes the loose and the crumbly, bringing the absorption of the wall surface to an even level. Thanks to this high binding power, ONE MICRO is the most appropriate primer for the consolidation for any situation and for any type of wall surface, such as hydraulic binder lime-based plaster, premixed and traditional, finished calendar, concrete conglomerates and gypsum surfaces of various kinds. Moreover, it is also suitable for application over old layers of mineral paint, well adherent to the surface in question.

Advantages

- high penetration power;
- consolidating properties similar to a solvent fixative;
- regulation of absorption;
- resistance to alkali.

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.

ONE MICRO

Technical specifications

Wall surfaces, such as mortar plasters based on hydraulic binder lime, premixed and traditional, civil finishes, conglomerates in concrete and plaster surfaces of various kinds, can be treated with the consolidating primer with high water penetration barrier, for external and interior surfaces ONE MICRO of Fornaci Calce Grigolin, product based on acrylic copolymers in watery dispersion. The minimum consumption of this product is equal to 0,10 l/m².

Consumption and packaging

ONE MICRO is supplied in 5 and 15 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 for at least 4 weeks, clean and dry.
Existing supports must be consistent, free of saline efflorescences, dust and loose parts, carefully cleaned according to the nature and the intensity of the dirt deposited on the surfaces to be treated. To level and plaster imperfections such as holes, cracks or crannies, one must 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 not fully adhesive decorations.

Product preparation

ONE MICRO is ready to use: in the case of poorly absorbent media, it can be diluted with water up to 50% (1 litre of fixative add 1/2 litre of water). Mix well before application.

Application

Apply preferably by brush in a uniform manner. However, it is also possible to apply the product by roller, spray or airless. After about 6-8 hours, you can proceed with the application of the finish.

Important warnings

Do not apply when ambient or surface temperature is below +5°C or above +35°C and with relative humidity higher than 75%. Avoid application in the presence of surface condensing, under the action of direct 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	PERFORMANCE
Binder type	acrylic copolymers
Appearance	liquid, transparent
Specific weight (UNI EN ISO 2811-1) 25°C±2	1010 ± 20 g/l
Water vapor permeability and classification (UNI EN ISO 7783-2)	Does not alter the vapor permeability of the substrate
VOC content (DIR. 2004/42/CE)	Fixing primer - cat. A EU limit values for subcategory h, type BA 30 g/l (2010) This product contains maximum 30 g/l VOC
Application	brush preferably, roller, spray or airless
Theoretical consumption	approx. 100 g/m ² (0.10 l/m ²) one coat
Theoretical yield	10 m ² /l
Overpainting	6-8 hours

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