



I dati riportati si riferiscono alle prove di Controllo Qualità in condizioni ambientali normalizzate. Applicazioni pratiche di cantiere a seconda delle condizioni di esercizio possono rilevare dati sensibilmente modificati, pertanto le informazioni presenti nella Scheda hanno valore puramente indicativo in quanto l'utilizzatore deve sempre verificarne l'idoneità nell'impiego del prodotto assumendosi la responsabilità derivante dall'uso. Fornaci Calce Grigolin S.p.A. si riserva di apportare modifiche tecniche di qualsiasi genere senza alcun preavviso.



Complies with the Minimum Environmental Criteria (CAM) referred to in the MATM decree of October 11, 2017 adopted in the public administration sector (PAN GPP)



## arteMURI® MURI ONE



**Glossy or satin-finish, super-washable wall enamel for interiors. Suitable for coating in the presence of foodstuffs in compliance with the UNI 11021:2002 standard.**

**Certified in class A+ according to UNI ISO EN 16000-9.**

**Washing resistance Certified according to UNI 10560.**

**Resistance to cleaning Certified according to UNI EN ISO 11998:2006.**

**Hiding power Certified according to UNI EN ISO 6504-3:2007.**

### Product description and fields of application

MURI ONE is a waterborne, odorless enamel composed of acrylic copolymers in water dispersion, pigments and selected fillers that give the treated substrate high protection and resistance to rubbing and washing. Free from solvents, formaldehyde and with very low levels of VOC (Directive 2004/42/EC). Thanks to the ease of application, the excellent dilatation and the possibility of obtaining multiple shades, MURI ONE allows to obtain a decoration of the support with a pleasant glossy or satin appearance.

MURI ONE is certified as suitable for the coating of environments in the presence of foodstuffs in accordance with the UNI 11021:2002 standard and, as a result, it complies with the requirements of the HACCP hygiene control system, which is in force in the food industry. MURI ONE can be tinted using the arteMURI tinting system.

# MURI ONE

## Advantages

decorative glossy or satin finish  
high resistance to washing  
excellent whiteness  
good dilatation and fullness

## Specifications

Interior wall surfaces, such as mortar plaster based on lime-hydraulic binder, premixed and traditional, finished in civil, concrete conglomerates and plaster supports of various kinds, can be finished with the odorless wall enamel for interiors, high coverage and resistance to washing, MURI ONE by Fornaci Calce Grigolin, a product based on copolymers in water dispersion with low VOC, pigments and selected charges. The minimum consumption of this product is 0.14 l/m<sup>2</sup> for two coats.

## Consumption and packaging

MURI ONE is supplied in 5 l and 15 l packages.  
The minimum consumption of this product is 0.14 l/m<sup>2</sup>.

## Conservation Standards

Protect against frost. Store at temperatures between +5°C and +30°C in the original sealed containers. Under these conditions the shelf life of the stored product is at least one year.

## Media Preparation

New substrates and/or any repairs (patches) must be cured by at least 4 weeks, clean and dry. Old substrates must be consistent, free of salt efflorescence and loose parts, thoroughly cleaned according to the nature and intensity of the dirt deposited on the surfaces to be treated. To level and fill imperfections such as holes, cracks or crevices, first intervene with a suitable product or repair mortar. Clean up any mold or algae with SEI KO detergent and then sanitize the surface with SEI OK restorer.

On already painted surfaces, make sure of the condition of the film: brush and/or scrape the detaching films, completely remove high layers of non-adherent paints.

## Media treatment

New plasters: apply a preliminary coat of MURI ONE diluted with about 50% of water.  
Plasters with mineral paints (lime or silicates): check adhesion. Apply one coat of ONE MICRO.

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

Cement/concrete/fibro-cement: apply one coat of ONE MICRO.

New plaster/plasterboard: apply a preliminary coat of MURI ONE diluted with about 50% of water.

Gypsum/plasterboard painted with tempera: completely remove the tempera.

Gypsum/plasterboard painted with washable products: apply directly.

# MURI ONE

## Product preparation

For brush applications, dilute with about 15% of water for the first coat and 10% for the second.

For roller application, dilute with about 5% of water.

In both cases, mix the product well.

## Application

Apply a first coat taking care to distribute the product evenly on the surface. After at least 8-12 hours proceed with the application of the second layer.

## Important Warnings

Do not apply with ambient and/or substrate temperature lower than +5°C or higher than +35°C and with relative humidity higher than 75%. Avoid application in presence of superficial condensation, under direct sunlight or strong wind. Wash tools and equipment with water immediately after use.

## Safety instructions

The product does not require hazard labeling under current regulations. Use the products according to current hygiene and safety regulations. After use, do not dispose of containers in the environment. Let the residues dry well and treat them as special waste. For further information please refer to the safety data sheet.

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# MURI ONE

TECHNICAL DATA	PERFORMANCE
Binder type	acrylic copolymers
Appearance	paste/pigmented
Specific gravity(UNI EN ISO 2811-1) 25°C±2	1200 ± 20 g/l (glossy type) 1300 ± 20 g/l (satin type)
Brookfield viscosity(ASTM D2196) 25°C±2	7.000 ± 2.000 cP
Water vapor permeability and classification (UNI EN ISO 7783-2)	V = 45 g/m <sup>2</sup> 24h Class II (medium permeability)
Equivalent air layer thickness (UNI EN ISO 7783-2)	Sd = 0,467 m
Degree of gloss (UNI EN ISO 2813)	> 60 gloss, (glossy type) 25 - 35 gloss (satin type)
VOC content (DIR. 2004/42/CE)	Glossy paints for interior walls and ceilings. EU limit values for subcategory b , type BA 100 g/l (2010) This product contains a maximum of 100 g/l of VOCs.
Application	brush, roller, spray or airless
Theoretical consumption	approx. 90 g/m <sup>2</sup> per coat (0.07 l/m <sup>2</sup> ) by brush or roller approx. 180 g/m <sup>2</sup> (0.14 l/m <sup>2</sup> ) by spray or airless application
Theoretical yield	7,1 m <sup>2</sup> /l in two coats with brush or roller 3,5 m <sup>2</sup> /l spray or airless
Overpainting	6-8 hours

TECHNICAL DATA	PERFORMANCE
Washing resistance and classification (UNI 10560) Report n° 139/L of 27/06/2008. GFC Chimica srl - Ferrara	>10.000 cycles Highly Resistant
Wet scrub resistance and cleanability (UNI EN ISO 11998:2006 ) Report n° 464/L of 28/10/2016. GFC Chimica srl - Ferrara	Ldft = 2.32 CLASS 1
Hiding power (UNI EN ISO 6504-3 :2007) Report n° 464/L of 28/10/2016. GFC Chimica srl - Ferrara	Hiding power with one coat: CLASS 4 Two-coat covering power: CLASS 3

v. 09/2021