

# ANTICO RIVESTIMENTO CENTRO STORICO Acrilsilossanico

Rev. 03 of 05/09/2019

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Technical Data Sheet No. 1040161117

Denomination	ANTICO RIVESTIMENTO CENTRO STORICO ACRILSILOSSANICO
Description	Matte Acrylic-Siloxane Finish with Quartz Flour for External Surfaces
Product Details	<p>Acrylic-siloxane water-based wall coating; it ensures high protection against pollutants and atmospheric agents.</p> <p>Particularly suitable for surfaces of mineral substrate where breathability, due to the presence of silicone resins, and excellent color retention are to be conferred.</p> <p>Protective barrier against heavy rain; thanks to special siloxane additives, it ensures water repellency and breathability.</p> <p>The coating, applied with at least 150 microns of dry film thickness, allows to neutralize the micro-cracks of the surfaces.</p>
VOC Classification (Directive 2004/42/EC)	<p>Coatings for Exterior Walls of Mineral Substrate.</p> <p>EU limit value for this product (cat. A/c): 40 g/l (2010)</p> <p>This product contains max. 12 g/l VOC</p>
Surface Preparation & Application	<p><b>SUBSTRATES WITH NEW PLASTERS</b></p> <ul style="list-style-type: none"><li>• After the plaster has been cured, it is always advisable to apply a coat of water-based <b>Eliofond Acrilico</b>.</li><li>• Allow at least 6 hours to elapse for drying and apply the first coat of <b>Antico Rivestimento Centro Storico Acrilsilossanico</b> with a roller.</li><li>• Allow another 12 hours to elapse before applying the second coat of <b>A.R.C.S. Acrilsilossanico</b>.</li><li>• It is always advisable to apply the product as it is to obtain an adequate thickness (minimum 150 µm of dry paint film), that is sufficient to contain micro-cracks.</li></ul> <p><b>SUBSTRATES WITH OLD MINERAL PLASTERS</b></p> <p>Totally remove old paints from the surface.</p> <ul style="list-style-type: none"><li>• It is always recommended to apply a coat of water-based <b>Eliofond Acrilico</b>.</li><li>• Allow at least 6 hours to elapse for drying and apply the first coat of <b>Antico Rivestimento Centro Storico Acrilsilossanico</b> with a roller.</li><li>• Allow another 12 hours to elapse before applying the second coat of <b>A.R.C.S. Acrilsilossanico</b>.</li><li>• It is always advisable to apply the product as it is to obtain an adequate thickness (minimum 150 µm of dry paint film), that is sufficient to contain micro-cracks.</li></ul>
Practical Advices	<p>Room Temperature: Min. 5°C / Max. 30°C</p> <p>Relative Humidity: Min. 35% / Max. 85%</p> <p>Substrate Conditions: Dry</p>
Available Sizes	5 liters - 13 liters
Storage	<ul style="list-style-type: none"><li>• Keep container tightly closed in a dry, cool place.</li><li>• Storage Temperature: up to 5°C / below 35°C.</li><li>• Shelf Life: 24 months under optimal temperature and R.H. conditions.</li></ul>
Safety Standards	<p>Product labeled according to <b>Regulation 1272/2008 (CLP)</b>.</p> <p>For further information, reference should be made to the related Material Safety Data Sheet. Empty containers or containers with slight film traces of dried residual product must be disposed of in accordance with local requirements.</p>



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Technical Features	Laboratory Data @ 20°C (68°F), 65% R.H.
Vehicle Type	Acrylic-Siloxane Resins
Specific Weight	1.450 ÷ 1550 gr/litrer
% Solids	By Weight: 71,0 % ÷ 72,0 % By Volume: 53,8 % ÷ 57,0 %
Color	White Integrated in <b>Eliocolor Performance</b> Tintometric System
Viscosity Brookfield RVT at 20°C and 20 rpm	6.200 ÷ 9.800 cps
Components	One
Dilution (V/V)	Ready-to-Use
Thin With	Water (only for tools cleaning)
Application Equipment	Roller; Brush
Dry Film Thickness per Coat: Hp ≥ 98	Roller: 100 ÷ 150 µm (microns)
Coverage at Recommended Film Thickness	100 microns: .....5,4 ÷ 5,7 m²/liter (Roller) 150 microns: .....3,6 ÷ 3,8 m²/liter (Roller)
Dry to Touch	2 ÷ 3 hours
Dry to Handle	12 hours
Dry to Recoat	Min. 12 hours – Max. N/A
Resistance to Rural, Light Industrial and Marine Environments	Excellent
Temperature Resistance	From -25°C to +50°C
Rainwater Resistance	The product completes its cross-linking process over a period of 12-15 days under optimal conditions

## Performance Classification according to European legislation EN 1062

Film Appearance	G <sub>3</sub> ..... Matte ..... 85° ..... ≤ 10 gloss
Dry Film Thickness	E <sub>3</sub> ..... > 100 µm ..... ≤ 200 µm
Grain Size ( EN ISO 1524 )	S <sub>2</sub> ..... Medium ..... < 300 µm
Vapor Permeability (UNI EN ISO 7783:2012) "CERTIMAC" Test Report of 03/07/2018	V <sub>2</sub> .....Medium ..... ≤ 150 - > 15 g/(m² • d) ( = 118 g/m²d. )
Water Permeability "CERTIMAC" Test Report of 03/02/2018	W <sub>3</sub> ..... Low.....≤ 0,1 kg/(m² • h <sup>0,5</sup> ) ( = 0,02 kg/m <sup>2</sup> h <sup>0,5</sup> )
CO <sub>2</sub> Permeability "CERTIMAC" Test Report of 03/22/2018	Mean value of the thickness of the equivalent layer of air S <sub>d</sub> > 50 m. ( S <sub>d</sub> = 94,3 m ) - <i>The coating is suitable for applications that prescribe "anti-carbonation" products</i>

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