



# SILOX QUARZ VALDECIA

Version 1.1.0 - 2023

## DESCRIPTION

Quartz siloxane water paint for exterior use. It gives the substrate excellent weatherproofing while leaving its water vapor permeability unaltered. Particularly suitable in the restoration of valuable buildings. Made in white base and neutral base to obtain a wide and complete color range.

## PHYSICAL CHEMICAL CHARACTERISTICS

<b>COLOR</b>	white
<b>ASPECT</b>	matte
<b>COMPOSITION</b>	Binder based on siloxane resins and quartz flours
<b>SPECIFIC WEIGHT</b>	1.57 ± 0.05 g/cm <sup>3</sup> at 20 °C
<b>VISCOSITY</b>	9800 ± 1000 cps R6 rpm 60
<b>DRY RESIDUAL</b>	72 ± 1%
<b>GRANULOMETRY</b>	≥ 0.1mm
<b>PERMEABILITY</b>	high

Note: These properties are typical ones and are not to be considered specific. Marginal deviations of the values do not affect the efficacy or property of the product.

## APPLICATION CHARACTERISTICS

<b>TEMP. APPLICATION.</b>	between +5 and +25 degrees °C
<b>DRYING</b>	4-6 hours (reported at 20°C and 65% R.H.)
<b>YIELD</b>	6-7 m <sup>2</sup> /l per coat depending on substrate
<b>DILUTION</b>	1 <sup>a</sup> hand 15% drinking water 2 <sup>a</sup> hand 10% drinking water
<b>EQUIPMENT</b>	brush - roller

## APPLICATION SYSTEM

**SUBSTRATES:** exterior and interior masonry work based on lime or lime cement that is not crumbling.

**SUBSTRATE PREPARATION:** The substrate must be sound, dry and clean, free of salt efflorescence, and free of moisture stains and mold. Old chalking paints should be removed by pressure washing. Do not apply to fresh or particularly alkaline substrates; observe a minimum carbonation period of at least four weeks. Imperfections, cracks, will have to be restored using exterior fillers.

Note: Successful application cycles are conditioned by proper preparation of the substrate. What is described in the sheet represents a minimum condition that should be supplemented to the professionalism and experience of the operator.

## **APPLICATION CYCLE**

<b>NEW PLASTERS.</b>	apply one coat of SILOX PRIMER, complete with two coats of SILOX QUARZ VALDECIA with an interval of 8-10 hours apart
<b>OLD PLASTERS</b>	see " <b>SUPPORT PREPARATION.</b> " Proceed to the finish as for " <b>NEW PLASTERS</b> "
<b>NOTE</b>	the paint acquires all its properties after about ten days

## **SPECIFICATION ITEM**

<b>GENERAL CHARACTERISTICS</b>	Binder based on siloxane resins and quartz flours
<b>DRY RESIDUAL</b>	72 ± 1%
<b>SPECIFIC WEIGHT.</b>	1.57 ± 0.05 g/cm <sup>3</sup> at 20 °C

## **PACKAGING**

<b>PACKAGING</b>	plastic buckets lt 14 - 5
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## **GENERAL NOTES.**

The product is sensitive to frost. It is recommended, to be stored at a temperature between +5° and +25°C. Stored in the original tightly closed packaging, and undiluted with water, it has a medium storage period.

A product that can be tinted with inorganic and organic pigments in paste form. For outdoor application, it is recommended to check the light, weather, alkali and acid fastness of the paste pigments to be used, especially those of organic origin.

Do not apply in rain, strong wind, under direct sunlight. Protect surfaces from heavy rain for at least 48 hours after application. Avoid application to too large an area by delimiting the working area with adhesive paper tapes. Remove adhesive tapes while the product is still wet. Use potable water for dilution and maintain the same proportions throughout application.

All of the above technical information contained within this sheet is the result of careful laboratory tests and practical experience. They do not represent a legal warranty, expressed or implied, about the use of our product as used outside of our control. Each user should verify the effectiveness and behavior of our product with regard to its specific applications.