

# TECHNICAL DATA SHEET

## SILOMUR W

Waterborne siloxane-based water repellent

DESCRIPTION	Transparent protective product free from solvents, for interior and exterior, based on siloxane resins which make the surfaces treated water-repellent. Silomur W is non film-forming, so it protects walls from humidity, allowing them to breathe without altering the appearance and colour of the paint underneath. Thanks to its water-repellent effect, it helps keep the treated surface clean for a long time.		
PERFORMANCE DATA	Value	Method	
	Specific weight	6 ± 1 %	Internal PF25
	Drying	Fully 24 h	Internal PF2
SPECIFICATION DATA	Value	Method	
	Specific weight	950-1050 g/l	Internal PF3
SHELF LIFE	1 year minimum, stored in its unopened original can at temperatures between +5°C and +30°C.		
COLOUR RANGE	Colorless		
TYPICAL USE	Suitable for the hydrophobizing treatment of absorbent mineral and stone supports such as facing bricks, plasters, stones, concrete and concrete substrates and for the protection of Marmorino and Travertino lime finishes. If added it can also be used for the maintenance of external walls with presence of mold and algae. It is always advisable to carry out preliminary tests. Do not apply Silomur W on low-absorbent surfaces. For cleaning tools, use water immediately after use.		
TOOLS	Brush, roller, spray.		
THINNING	Ready to use		
COVERAGE	Coverage varies depending on the absorption of the substrate. Approximately: Exposed brickworks: 2.5-3.3 m²/l Natural stones : 2.5-3.3 m²/l Structures in concrete and reinforced concrete: 3.3-5 m²/l Maintenance cycle on walls with mold and algae: 8-8.5 m²/l		
APPLY	+5 +30°C, U.R. < 65%		
COATING SYSTEM	Preparation Make sure that the substrate is free of any impurities, such as dust, oils, dirt, fat, moss, efflorescence.		

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**Application**

Silomur W must be applied on dry surfaces as water inhibits the penetration of the product. Apply SILOMUR W in several layers, wet on wet, until the substrate is saturated. The effectiveness and duration of the treatment depends on the depth of penetration of SILOMUR W and the quantity of product applied.

In the protective treatment of lime-based products, given the high alkalinity of the same, for a good success of the intervention it is advisable to wait for a period of maturation of the lime-based product of about 28 days. Do not apply on sunny walls and protect surfaces treated by rain for at least 48 hours.

**Maintenance of external walls with presence of mold and algae**

1. Clean with pressure washing until the visual defect is eliminated (dirt, mold, algae, moss);
2. When dry, treat with B1;
3. After 4 6 hours, apply one or more layers of Silomur W additivated with B25 (Silomur W 1.5% by weight of B25)

NB: the layers to be applied are a function of the degree of absorption of the support; should the visual defect persist after being washed, the use of anti-algae anti-molding additives must be used.

**SPECIFICATION  
ITEM**

Water-repellent transparent siloxane water-based, solvent-free, with active residue higher than 6%, suitable for the treatment of absorbent mineral and stone supports such as facing bricks, plasters, stones, supports in concrete and concrete, to be applied directly on the surface to be hydrophobed with an average consumption of 290 ml / m<sup>2</sup> (for healing cycle on moldy walls average consumption 120 ml / m<sup>2</sup>)

**INSTRUCTIONS**

To carry out the work in a proper way, it is needed to strictly follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books. This technical information is intended as a rough guide. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and test the effectiveness on a sample. The specification data and technical information have been calculated at +23°C with relative ambient humidity of 65%. In different conditions the data and the time intervals between the two phases of the above reported coating system can vary.