



CODE 1.625

siliard intonachino 1,2 mm

Siloxanic anti algae intonachino

GENERAL PROPERTIES

SILIARD INTONACHINO is formulated using advanced technologies based on nanoparticles and siliceous binders in aqueous dispersion.

SILIARD INTONACHINO lends a remarkable water vapour permeability, water-repellence & low water absorption.

SILIARD INTONACHINO produces a porous/transpiring matt coat (film free) which adheres perfectly to both mineral substrates & old mineral/synthetic paintwork.

SILIARD INTONACHINO offers an outstanding resistance to weather extremes, low dirt pick-up & inhibits the formation of micro-organisms such as mould & algae.

SILIARD INTONACHINO is specific for the protection & decoration of listed facades, exterior plaster, transpiring restoration plaster & porous materials in general, which require an optimum protection & low water vapour diffusion resistance.

INSTRUCTIONS

Substrate preparation:

- Bare walls with light/cement mortar plaster: ensure the substrate has weathered for at least 28 days. Clean thoroughly, removing dust/ filth & unsound paintwork. If necessary stucco with a suitable restoration mortar. Ensure the wall is perfectly dry and apply a coat of SILIARD PRIMER W thinned at 50-100% in water volume. Apply at least 200 ml/m² (thinned). Allow at least 24 hours & apply SILIARD INTONACHINO.
- Chalky substrates: apply a layer of SILIARD PRIMER (ready siloxanic impregnating agent). Apply at least 200 ml/m² (thinned). Allow 24 hours and apply SILIARD INTONACHINO.
- Walls with mineral lime wash or silicate based paintwork: remove any unsound paintwork & efflorescence. Clean thoroughly, remove dust & filth. Ensure the substrate is dry and apply a layer of SILIARD PRIMER (siloxanic consolidating impregnating agent). Allow at least 24 hours & apply SILIARD INTONACHINO.
- Walls with synthetic paintwork: remove any unsound paintwork. Use SILIARD PRIMER to treat **only** bare plaster & repair areas. Allow 24 hours & apply SILIARD INTONACHINO.

- Walls with saline efflorescence or subject to rising damp must be restored before application, in order to guarantee substrate adhesion.
- We recommend pretreating mould, algae or moss with ARDSAN RISANANTE MURALE.

Application:

Apply SILIARD INTONACHINO as follows:

- SILIARD INTONACHINO is ready for use & does not require thinning. Stir thoroughly until homogenous and apply only one hand with a steel trowel. Even the surface with a plastic/sponge float before the products begins to dry.
- Do not apply SILIARD INTONACHINO at ambient or substrate temperature below + 5°C or above + 30°C or R.H. above 75%. Avoid applying during damp/cold periods, under direct sunlight & when extremely windy.
- After application, exterior walls must be protected against rain, frost, fog & dew for at least 48 hours. The drying times indicated in the Technical Properties refer to a temperature of +20°C & 65% R.H. Consequently, drying may take much longer when temperatures are lower and humidity is higher. This, in turn, lengthens recoating/protection times.
- When different batches are used, we recommend mixing the products thoroughly in order to avoid differences in shades.
- SILIARD INTONACHINO is compatible with the 16 COLOURS tinting system.
- Store in cool, frost free premises.
- Wash equipment immediately after use with water.
- Use in compliance with current Health & Safety Regulations. Do not release the containers into the environment.

Refer to the PSDS for further information.

TECHNICAL PROPERTIES

NATURE OF BINDER	Acryl-siloxanic polymers		
COLOUR	White & tinting system hues		
MASS VOLUME	1750-1850 g/l		
DYNAMIC VISCOSITY	140.000 ± 180.000 cP		
UV RESISTANCE	Sup. 3 rd grade Grey scale		
ALKALI RESISTANCE	No structural/chromatic variation		
DRYING AT 20°C	TOUCH DRY		4 hrs
	THROUGH DRYING		48 hrs
PERMEABILITY (WATER VAPOUR)	EN ISO 7783-1 & 2	Sd	0,157 m
		Class	V ₂ (average)
CAPILLARY ABSORPTION & WATER PERMEABILITY	EN1062-3	W	0,053 kg/m ² √t
		Class	W ₃ (low)
ADHERENCE FOR DIRECT TRACTION	EN 1542	RESULT	Complies (adhesion ≥ 0,3 Mpa)
DURABILITY	EN 13687-3	RESULT	Complies (adhesion ≥ 0,3 Mpa)
THERMAL CONDUCTIVITY	EN 1745	λ _{10DRY} [W/MK]	1,092
FLASH POINT	EN 13501-1		Class C
HAZARDOUS SUBSTANCES		RESULT	Complies

In compliance with the UNI EN 15824 CE Marking

YIELD

Once dry, SILIARD INTONACHINO 1,2 mm series 5.625, produces a 1,2 mm thick coat, If applied correctly, without spilling, said coat implies a yield of 0,45 m²/kg. Said yield refers to smooth substrates featuring medium absorption; it is best to determine the same by testing on the specific substrate.

**TENDER
SPECIFICATION ITEM****SILOXANIC ALGAE RESISTANT INTONACHINO**

Application on pretreated surfaces of a smooth pigmented rustic coating based on poly-siloxanic copolymers in aqueous dispersion & selected inert fillers type SILIARD INTONACHINO with a min consumption of 2,2 kg/m².

€/m²

The data herein were correct at the time of Quality Control and refer to standardized environmental conditions. The same are to be considered as a guide.
Revision 2018/02



ard raccanello s.p.a.

35129 PADOVA – Zona Ind.le Nord 1^a Strada, 13 – Tel. 049.8060000 (5 linee)
Fax 049.773749 – www.ard-raccanello.it - E-mail: assistenza@ard-raccanello.it