



ard f.lli raccanello s.p.a. industria vernici e smalti

TECHNICAL SHEET 83

CODE 1.631

litoflex acrilico 1,8 mm

Scratch effect plaster coating

GENERAL PROPERTIES

LITOFLEX is a plastic coating for interior & exterior walls. The acrylic binder lends an optimum resistance to alkali/atmospheric agents, remarkable elasticity, adherence, low dirt pick-up, excellent application & workability. The excellent alkali resistance and lightfast pigments guarantee the solidity of the hues even on walls exposed to strong sunlight & weather extremes.

LITOFLEX is ideal for the protection of urban buildings in two coat plaster work, cement mortar renders, gypsum plaster for interiors & compact prefabricated concrete structures.

INSTRUCTIONS

Substrate preparation:

- Bare walls: ensure the substrate has weathered for at least 28 days. Clean thoroughly & remove any unsound parts. Ensure the wall is perfectly dry and apply a hand of ready ISOLEX W, ISOLEX or ARDFIX suitably thinned (1 part of product in 8 parts of water). Allow 12 or 4 hrs respectively; level large imperfections (holes, cracks etc.) with ARDPLAN AS or ARDPLAN BS & apply LITOFLEX.
- Unsound painted surfaces: remove any unsound paintwork and efflorescence. Treat mould with ARDSAN RISANANTE MURALE 0.916.. Clean thoroughly, ensure the surface is perfectly dry & fix with a coat of ISOLEX W or ISOLEX. Allow 12 hrs & stucco the large imperfections with ARDPLAN AS or ARDPLAN BS & apply LITOFLEX.
- Surfaces with textured paints or crumbling plaster: remove any unsound paintwork & efflorescence. Treat mould with ARDSAN 0.916.. Clean & seal the whole surface with a coat of ISOLEX W or ISOLEX. Allow 12 hrs, level the surface & apply LITOFLEX.
- When finishing products with a limited covering power are employed we suggest using PRIMER RIEMPITIVO COPRENTE 0.075 (refer to the formulary for shades).

Application:

- LITOFLEX can be used neat. Stir well; apply only one coat with a steel or plastic trowel. Before the product forms a surface film, "work" the surface with a plastic trowel in order to obtain the final scratch effect (linear or circular).

- The best conditions for application are: temperatures between +5 °C & + 35°C% - R.H. below 75% - absence of wind, dust & strong sunlight.
- Exteriors must be protected against rain until perfectly dry (normally after 48 hrs at 20°C).
- Wash equipment immediately after use with water.
- Store in a cool, frost free premises.
- If different batches are used, stir accurately to avoid differences in shades.
- When treating extensive surfaces apply wet on wet to avoid "shading".
- Walls with efflorescence or subject to rising damp must be restored before application in order to guarantee adherence.
- Use in compliance with the current Health & Safety Regulations. Dispose of spent material/containers according to the same.
- LITOFLEX is compatible with the 16COLOURS tinting systems.
- Refer to the PSDS for further details.

TECHNICAL PROPERTIES

NATURE OF BINDER	Acrylic polymers		
COLOUR	White & tinting system hues		
MASS VOLUME	1690-1760 g/l		
DYNAMIC VISCOSITY	130.000 ± 170.000 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	S _d	0,339 m
		Class	V ₂ (average)
CAPILLARY ABSORPTION & WATER PERMEABILITY	EN1062-3	W	0,049 kg/m ² √t
		Class	W ₃ (low)
ADHESION 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	λ10DRY [W/MK]	1,076
FLASH POINT	EN 13501-1		Class C
HAZARDOUS SUBSTANCES		RESULT	Complies

In compliance with the UNI EN 15824 CE Marking

YIELD

Once dry (Litoflex grana media) coating is about 1,8 mm thick. If applied correctly without spilling the average yield is 0,33 m²/kg. Said yield refers to smooth substrates with medium absorption. We recommend testing on the specific substrate.

**TENDER
SPECIFICATION ITEM**

PLASTER SCTRACH-EFFECT COAT FOR EXTERIORS

Trowel application on treated surfaces of a plastic rustic pigmented scratch-effect coating based on acrylic copolymers in aqueous dispersion, coloured pigments & quartz of selected granulometry - like LITOFLEX acrylic - which after drying produces a 1,8 mm thickness & minimum consumption of 3 kg/m².

€/m²

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

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