



Raso Plast

Thixotropic hydrophobic universal smoothing plaster for white coat finishing, thickness from 1 to 10 mm and indoor and outdoor application.



Fields of application:

- as smoothing plaster for renders, even painted;
- as smoothing plaster on wet cement-based renders and concrete;
- as smoothing plaster for the following application of mineral finishes or tiles;
- as smoothing plaster, even reinforced with net on existing plastic coats;
- as smoothing plaster on plasterboard substrates (after the application of Primer GS);

- as smoothing plaster for existing mosaic coats;
- to regularize substrates with cement-based adhesive residues;
- to smooth substrates in wood, cement or fiber-cement;
- professional use only.

Characteristics:

Raso Plast is made of selected aggregates, 52.5 cement in class I, acrylic polymers, fluidizers and setting adjusters able to guarantee a perfect adhesion on the most difficult surfaces like existing anchored mosaics, existing plastic coats, concrete or render. **Raso Plast** is formulated to ensure a long application time, eliminating every shrinkage. This product is indicated for indoor and outdoor civil, commercial and industrial applications.

Application:

Raso Plast must be mixed with 5.5 l of water every 25 kg bag with a low speed turrer, till getting a smooth mixture free of lumps. Do not add other hydraulic binders or aggregates. Apply **Raso Plast** with American trowel in as many coats as necessary. When the plastic phase has ended, the surface can be float finished with trowel sponge or pressed with American trowel. If the substrate is not homogeneous bury the fiberglass net **Fibronet 150** into the first coat.

Quality and Environmental Standards:

Raso Plast undergoes constant, careful testing at our laboratories, in compliance with the legislation in force-UNI EN ISO 9001/2015.

CE	Opera Srl Via degli Scavi 19/21 47122 Forlì - Italy
DOP-IT-01-049 RASO PLAST GRIGIO EN 1504-2:2004 Coating for the surface protection of concrete by controlling humidity and increasing resistivity	
Fire reaction	Class A1
Vapor permeability	Class I
Capillary absorption and water permeability:	< 0,1 kg * m ⁻² *h ^{-0,5}
Direct tensile adherence:	≥ 1,0 N/mm ²
Release of harmful substances:	See Safety data sheet

Characteristics	Application methods	Consumption
One-component High workability High mechanical resistance For indoor and outdoor application White granulometry: 0.6 mm Grey granulometry: 0.8 mm High adhesion	Trowel	1.6 kg/m ² every mm of thickness
		Storage
		Shelf life of 12 months in the original packages and in a fresh, dry place

Code
431126
432140

Product
Raso Plast
Raso Plast

Color
Grigio
Bianco

Packages
25 kg
25 kg

Pallet
1500 kg
1500 kg

Warning:

- verify the perfect adhesion of the synthetic coatings on which you intend to apply **Raso Plast**;
- do not use on substrates with irregularities more than 10 mm;
- do not use on friable, inconsistent or dusty supports;
- do not apply **Raso Plast** with strong wind and / or full sun and protect the surface from rapid drying;
- do not apply **Raso Plast** on frozen substrates or if risk of frost in the following 24 hours;
- do not use on gypsum supports (use **Primer GS** beforehand);
- do not apply solvent-based products on **Raso Plast**;
- respect any elastic joints present on support.


Technical and application specifications

Hazard classification as per Directive 99/45/EC:	grey: irritant - white: none
Mixing water:	22% (approx 5.5 l per 25 kg bags)
Specific weight of mixture:	1.70 g/cm³
Mixture pH:	approx 60 minutes
Application temperature:	from +5°C to +35°C
Waiting time for painting:	7 days
Waiting time for coating:	3 days
Maximum thickness per layer:	3 mm
Maximum total thickness:	< 5 mm

FINAL PERFORMANCE

Maximum granulometry:	≤ 0.6 mm
Compression resistance after 28 days:	25 N/mm²
Flexion resistance after 28 days:	8.0 N/mm²
Adhesion on cls after 28 days:	1.9 N/mm
Permeability to CO ₂ :	SD > 50m
Water vapor permeability:	classe I SD < 5m
Capillary absorption and water permeability:	W < 0.1 kg/m² h^{0.5}
Thermal compatibility - Part I	≥ 1.0 N/mm²
Thermal conductivity (value tab. EN 1745:2002):	λ = 0,74 W/mk
Adherent force for direct traction:	≥ 1.00 N/mm²
Reaction to fire:	A1 Euro class
Harmonised customs code:	38245090

Measurement of data at 23°C/50% Residual Humidity and no ventilation. The data may be considerably modified by the conditions of use.