



Raso Stuck Fine

Smoothing plaster based on hydrophobic cement-line and concrete for indoor and outdoor application.



Fields of application:

- as fine smoothing plaster on new or cured traditional renders;
- as fine smoothing plaster on new or cured pre-mixed renders;
- to level irregularities on elements of façades, cornices, walls and ceilings in concrete;

- as breathable finish for dehumidifying render Umiflu;
- professional use only.

Characteristics:

Raso Stuck Fine is made of fine selected aggregates, 52.5 cement in class I, lime and setting adjusters able to guarantee a perfect adhesion on surfaces in fresh or cured render or concrete. **Raso Stuck Fine** 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 Stuck Fine must be mixed with 7 l of water every 25 kg bag with a low speed stirrer, till getting a smooth mixture free of lumps. Do not add other hydraulic binders or aggregates. Apply **Raso Stuck Fine** with American trowel in as many coats as necessary. When the plastic phase has ended, the surface can be float finished with trowel or pressed with American trowel.

Quality and Environmental Standards:

Raso Stuck Fine 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-01-043 RASO STUCK FINE GRIGIO EN 1504-2:2004 Coating for the surface protection of concrete. Resistivity.	
Fire reaction	Class A1
Vapor permeability	Class I
Capillary absorption and water permeability:	< 0.1 kg · m ⁻² · h ⁻¹ · mm ⁻¹
Thermal compatibility:	
frost-thaw:	≥ 2,0 N/mm ²
storms	≥ 2,0 N/mm ²
Direct tensile adherence:	≥ 2,0 N/mm ²
Release of harmful substances:	See Safety data sheets

Characteristics	Application methods	Consumption
One-component High workability High breathability High mechanical resistance Hydrophobic or water-repellent For indoor and outdoor application White granulometry: 0.1 mm Grey granulometry: 0.2 mm	Trowel	1.1 kg/m ² every mm of thickness
		Storage
		Shelf life of 12 months in the original packages and in a fresh, dry place

Code
431520
432120

Product
Raso Stuck Fine
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Color
Grey
White

Packages
20 kg
20 kg

Pallet
1200 kg
1200 kg

Warning:

- do not use on friable supports and dusty;
- do not use on plaster supports (use Primer GS beforehand 4-6 hours before application);
- do not use on painted supports;
- do not use on substrates that are too absorbent (use Primer GS 4-6 hours before application);
- do not apply **Raso Stuck Fine** in the presence of strong wind and / or full sun and protect the surface from rapid drying;
- do not apply **Raso Stuck Fine** on frozen or frost free substrates following 24 hours;
- moisten the support before application;
- not suitable for receiving tiles or heavy coatings;
- do not use for thicknesses greater than 2 mm.

Technical and application specifications

Hazard classification as per Directive 99/45/EC:	grey: irritant - white: none
Mixing water:	35% (approx 7.0 l per 20 kg bags)
Specific weight of mixture:	1.40 g/cm
Mixture pH:	approx 11 minutes
Application temperature:	from +5°C to +35°C
Waiting time for coating:	approx. 20 days
Waiting time for coating 2 nd hand:	min 60 minutes / max 8 h
Maximum thickness per hand:	2 mm
Maximum total thickness:	5 mm
Waiting time for smoothing:	15 minutes

FINAL PERFORMANCE SPECIFICATIONS

Compression resistance after 28 days:	8.0 N/mm²
Flexion resistance after 28 days:	3.0 N/mm²
Permeability to CO ₂ :	SD > 50m
Water vapor permeability:	class I SD < 5m
Capillary absorption and water permeability:	W < 0.1 kg/m² h^{0.5}
Thermal compatibility- Part I	≥ 0.8 N/mm²
Thermal conductivity (val. tab. EN 1745:2002):	λ = 0.40 W/mk
Adherent force for direct traction:	≥ 0,8 N/mm
Reaction to fire:	class A I
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.

