

GIORGIO GRAESAN and Friends	TECHNICAL SHEET	Code	TDS1060_00
	SPIRITO LIBERO	Revision	00
		Date	10/09/2020

1. DESCRIPTION

SPIRITO LIBERO is a high-quality, semi-gloss stucco made from long-seasoned natural lime putty, creating a simple, clean wall that is also aesthetically pleasing and refined.

The marble powders and specific additives give the product excellent adhesion to the substrate and excellent flow upon application, achieving a quick finish. SPIRITO LIBERO allows for maximum breathability and is an excellent anti-mold and anti-bacterial agent due to its alkaline nature.

SPIRITO LIBERO is an eco-friendly coating and contains no solvents.

2. USE

SPIRITO LIBERO is recommended for decorating interior spaces.

3. SUBSTRATE PREPARATION

A correct preparation of the substrate is indispensable for the finish to show its qualities to the fullest.

The substrate must be dry and free from any irregularities or cracks.

It is important to carry out the elimination of any poorly-anchored or powdery paint or plaster, being sure to wash or remove any mould or dust that may be present. Before applying PRIMUS NATURALE, the surface must always be well bonded. If this is not the case, apply an insulating fixative, which is especially recommended if the walls are made of plasterboard or skimmed using stucco or similar products.

In the case of application on tiles, after degreasing the wall with denatured ethyl alcohol, level any large joints with localised grouting using PRIMUS AGGRAPPANTE, leave to dry, then apply a coat of PRIMUS AGGRAPPANTE using a KIT/I stainless steel trowel, evenly and smoothly.

4. APPLICATION METHOD

SPIRITO LIBERO is ready for use. Any water on the surface should be regarded as normal and should be removed prior to use. To color, before adding the chosen COLORING ADDITIVE, reduce the viscosity of the product by mixing it with a drill and a special MIX stirrer. Then add the COLORING ADDITIVE in the quantity indicated in the catalog and mix until the color is completely homogenized. Before applying, let the colored product rest for at least 12 hours. For more intense colors, we recommend adding the THICKENING ADDITIVE.

The product is applied in two even, random coats using a KIT/NUDO trowel, making sure to use crisscrossing arcs of motion. The second coat is applied when the first coat is completely dry.

As the second coat dries, when the product begins to show lighter areas, compact and polish the product. The polishing step may be omitted or repeated several times, depending on the desired level of gloss.

5. TOOL CLEANING

Cleaning of the tools should be performed immediately after use with water.

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6. PROTECTION AND CLEANING

Depending on the degree of protection and final shine you want to obtain, SPIRITO LIBERO can be protected with CERA DEL VECCHIO or CERA D'API and all three types of VETRO (see the relevant technical data sheets).

Effect: **DOLCI SEDUZIONI**

Apply **GIOIA – WHITE – ORO** in the same shade or in other colors over the two completely dry coats of SPIRITO LIBERO. If you overlap products, wait 6 to 8 hours between coats to ensure the previous coat is completely dry.

The surface, if treated with CERA DEL VECCHIO, CERA D'API, the three types of VETRO, or IPERVETRO (see the relevant technical datasheets), can be washed using LATTE DETERGENTE (diluted 50 ml in 1 litre of water).

7. SAFETY INDICATIONS AND HAZARD IDENTIFICATION

Causes severe eye injuries. Causes skin irritation. Use the product according to current hygiene and safety regulations. After use do not disperse the containers in the environment. Allow the residues to dry well and treat them as special waste. Keep out of the reach of children. If swallowed, seek medical advice immediately and show the healthcare operator the container or label. Do not dispose of residue in sewers, waterways and soil.

For further information, see the safety data sheet available on the website: www.giorgiograesan.it

TECHNICAL SPECIFICATIONS: APPLICATION	
Dilution	Product ready for use
Mixing	Always mix before use and allow to stand for 12 hours
Colouring	169 colours in the catalogue (before use, eliminate any dry flakes and stir)
Tools	Steel trowel KIT/NUDO
Primer	PRIMUS NATURALE
Conditions of application	From +10°C to +30°C with relative humidity <85%
Number of coats	2
Drying time	Each coat dries in 12 hours at 20°C
Curing time	48 ore a 20°C
Stable carbonatation	28 days
Protective coating	CERA DEL VECCHIO, CERA D'API, VETRO OPACO, VETRO LUCIDO, VETRO SATINATO or IPERVETRO
Washability	If protected with CERA D'API, VETRO OPACO, VETRO LUCIDO, VETRO SATINATO, IPERVETRO

TECHNICAL SPECIFICATIONS: CONSUMPTION	
PRIMUS NATURALE	6 – 7 m ² /litre
SPIRITO LIBERO (2 coats)	1 – 1.2 kg/m ²
CERA DEL VECCHIO or CERA D'API	20 – 30 gr/m ²

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TECHNICAL SPECIFICATIONS: COLOURING			
COLOUR	24 KG	8 KG	2 KG
L1	3x750 ml	750 ml	3x62 ml
L2	750 ml	250 ml	62 ml
L3	3x62 ml	62 ml	15.5 ml
L4	62 ml	20 ml	5 ml

TECHNICAL SPECIFICATIONS: PRODUCT	
Composition	PIT LIME seasoned for at least 6 months, finely filtered and powdered marble
Specific weight	1.61 ± 0.03 Kg/litre
pH	12.5
EU limit value (Dir. 2004/42/EC) Cat. A/I: paints for decorative effects (water-based): 200 g/l	Maximum VOC content of base product: 0 g/l Maximum VOC content of coloured product: 20 g/l
Storage conditions	Store in a tightly closed paint bucket, even after use and after having cleaned the sides and lid of the bucket, keep in a cool and dry place within the temperature range of +5°C and +30°C
Packaging	2 – 8 – 24 kg

Giorgio Graesan & Friends guarantees that the information on this datasheet is provided to the best of its experience and technical and scientific knowledge, however it cannot assume any responsibility for the results obtained with its use as the conditions of application are beyond its control. It is advisable to always check the actual suitability of the product for the specific case. This document cancels and replaces each previous datasheet.

For further technical information contact **(+39) 02.9903951** or on **Whatsapp: (+39) 3371410335**.