

## plasters

# GS 08

**Background plaster based on gypsum, lime and perlite for indoor surfaces, dual-layer type**



### Product description

Dry premix based on selected inerts, gypsum, hydrated lime, special additives and perlite.

### Supply and Storage

GS08 is supplied in bulk, with 22 m<sup>3</sup> silo plant and in bags on pallets with stretch. Store in a cool, dry and non ventilated place. Keep packaging intact.



### Surface preparation and Application

The surfaces to be plastered must be cleaned and any unstable parts, removed. For the application, operate as follows: Having positioned the corners, preferably with the same GS08, and having set the water mixture to obtain a mortar of appropriate consistency and plastic appearance, you may start working at a distance of about 15-20 cm in order to obtain a thickness of about 2-3 cm per coat. After a few minutes, even off with the aluminum level. The product thus applied, after about 2 hours, can be "scratched" and allows for the arrangement of angles for the subsequent finishing, after a one-day interval, with LG44 Z or LG55.

### Fields of use

GS08 may be used for interior plastering on surfaces like brick, rough concrete, blocks and network port plaster. GS08 should not be used on exterior, painted or crumbly and insubstantial surfaces. Avoid at all costs the use in humid rooms for which it is recommended the use of products such as our own IG14, IGK14, FG12, FGK12.

### Specifications

The interior surfaces to be plastered need to be clean, stable and must have homogeneous surfaces and a humidity less than 2.5%. Each inconsistent part must be removed or consolidated. The surfaces thus prepared may be plastered, by means of machine with screw lung, with GS08 plaster from Fornaci Grigolin at a rate of 9 kg/m<sup>2</sup> for a thickness of 1 cm.

### Technical data according to the UNI EN 13279-1 Standard

Classification	B5-50-2
Specific weight	1050 kg/m <sup>3</sup> determinrd in free fall
Maximal diameter	0,8 mm
Pot life	30-40 min
Plastic withdrawal	Absent in standard termohygro-metric conditions
Water in the mix	approx. 38%
Consumption	9 kg/m <sup>2</sup> per 1 cm. thickness
Minimal application thickness	0,7 cm
Mechanical resistance to flexion at 28 days	1,3 N/mm <sup>2</sup>
Mechanical resistance to compression at 28 days	2,3 N/mm <sup>2</sup>
Water vapor permeability $\mu$	5
Fire resistance	A1 class
Adhesion to brick	0,10 N/mm <sup>2</sup>
Fracture type	A
Thermal conductivity $\lambda$	0,32 W/mK (tabulated value)

### Disclaimers

Do not mix GS08 with other substances. Avoid extreme changes in heat while hardening. The product must be protected from frost and rapid drying. Do not use GS08 when temperatures are below +5°C or above +30°C. Do not apply on surfaces having a humidity higher than 2.5%.