



GYPSOCOAT 50 GYP04

B2
20/2

CE
EN 13279-1

ITEM SPECIFICATIONS

Very fine-grained, mineral powder skim coat. Slightly hydrophobic, low thick, for finishing of interior walls. Ideal as substrate for painting. Based on gypsum, selected aggregates and special chemical additives, class B2 20 2.

THE PRODUCT



FOR
WALL



PACKS
OF 25 KG



FOR
CEILING



PACKS
OF 20 KG



FOR
INDOOR



PACKS
OF 14 KG



GYPSUM BASED



PACKS
OF 10 KG



TO BE APPLIED
AT TEMPERATURE
FROM 5°C TO 35°C



MECHANICAL
MIXING



EXCELLENT PRICE/
PERFORMANCE
RATIO



TO BE APPLIED
WITH METALLIC
TROWEL



TO BE APPLIED
WITH SPATULA



USE PERSONAL
PROTECTIVE
EQUIPMENT

TECHNICAL CHARACTERISTICS

GYPSOCOAT 50 is a premixed product based on gypsum, high-quality fillers and special chemical additives. Designed to meet the need for an economic skim coat for finishing walls and if necessary, also for plasterboard only if not used as a stucco for filling the joints between panels.

Designed to meet the requirements of markets where the cost is an important factor, GYPSOCOAT 50 still allows to obtain a product with an excellent workability. Its fine grain size makes it easy to spread for an excellent surface finish and a long workability.

GYPSOCOAT 50 has a creamy texture that does not tire the operator even for long application sessions. Gypsum is a product that requires very low firing temperatures with an extremely low environmental impact. GYPSOCOAT 50 has a purely mineral composition, with very low organic component, though absolutely not harmful to the environment. This makes GYPSOCOAT 50 a biological and natural product.

Its hydrophilic nature makes it a good natural humidity regulator inside the rooms and improves living comfort. GYPSOCOAT 50 is an extremely breathable finishing product that facilitates the passage of water vapor through the surfaces; it facilitates the reduction of interstitial condensation. Ideal to finish indoors.

- specific for emerging markets
- economical product
- excellent workability
- natural & biologic
- naturally hydrophilic & breathable
- for indoors
- on standard gypsum- or anhydrite-based substrates

* available on request

AREAS OF APPLICATION

INTERVENTIONS

- Excellent for smoothing in internal environments, ideal for civil applications, resistant to thermal changes.

SUBSTRATES

- excellent on gypsum-based plasters
- second coat on plasterboard
- non suitable for joints
- fiber-gypsum, hydrophobized fiber-cement
- mineralized wood
- lime-based plasters
- aerated cement previously primerized

DO NOT USE

- for joints on plasterboard
- for external walls, street furniture, swimming pools, cold stores and for overlaying
- as waterproofing or on construction systems
- on glazed tiles, resin or cementitious tiles, cement-based waterproofing, flexible substrates, metal surfaces
- on rubber, PVC, wood, linoleum, insulating film, not cementitious waterproofing membranes
- with natural stones subject to movements in the presence of dampness, substrates subject to continuous rising damp

LAYING

Mix the bag content by using a drill mixer, until you obtain a soft and sliding consistency. Recipient and drill mixer must be perfectly cleaned. We recommend to always use the same amount of water to mix the bags.

We suggest to let stand the material approx. 3 minutes before application, protecting the work from frost, and premature drying.

The product has to be applied with a trowel or metal spatula to obtain a flat and smooth surface.

Never use if the mixture starts to harden, neither add water in the solution.



PREPARATION



SMOOTHING

COMPLY WITH THE STANDARD

EN 13279-1 B2 20 2

INDICATIVE DATA OF THE PRODUCT

Color/consistency: white/powder

Solid content %: 100

Bulk density kg/l: approx. 1,2

Hazard classification irritant
according to 1999/45/EC: important to carefully read the instructions contained in this form, on pack and on Safety Data Sheet

Storage: 6 months in dry and ventilated environment

Packaging: 25 kg

Custom code: 3824 50 90

VALUES OF THE FINAL PERFORMANCE

Compression strength (after 28 days)

(EN 13279-2) N/mm²: > 4

Flexural strength (after 28 days)

(EN 13279-2) N/mm²: > 1,5

Adhesion (EN 13279-2) N/mm²: > 0,10

Reaction to fire (13501-1): class A1

Thermal conductivity - table value

(EN 12524) (W/mK): 0,43

VALUES AND APPLICATIVE INFORMATION (AT 23°C & 50% R.H.)

Water used for mixing: add ≈ 44% of water on a part of GYPSOCOAT 50

Pot life: ≈ 150 minutes

Consumption: 1,1 kg/m² per mm of thickness

Particle size: < 0,1 mm

Application temperature: + 5°C /+ 35° C

Ideal temperature: + 20°C

Workability: > 60 minutes

Setting time: 90 minutes (+/- 10 minutes)

WARNING

The requirements and the guidelines herein are to be considered purely indicative and corresponding to our everyday best experience. We therefore recommend carrying out the tests in order to verify that the product corresponds to what is actually required