



GYPSOCOAT PB 100 GYP02

ITEM SPECIFICATIONS

Universal, high quality, very fine-grained, mineral powder skim coat. Hydrophobic, low-thick, for smoothing of plasterboard panels and interior walls. Ideal as substrate for painting. Based on gypsum, selected aggregates and special chemical additives, class B2 20 2 and 2B.

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



GOOD PRICE/
PERFORMANCE
RATIO



TO BE APPLIED
WITH METALLIC
TROWEL



SLIGHTLY
HYDROPHOBIC



TO BE APPLIED
WITH SPATULA



USE PERSONAL
PROTECTIVE
EQUIPMENT

2B

CE
EN 13963

B2
20/2

CE
EN 13279-1

TECHNICAL CHARACTERISTICS

GYPSOCOAT PB 100 is a skim coat for wall application based on gypsum, mineral fillers, additives and resins. GYPSOCOAT PB 100 is a skim coat with excellent price/performance ratio, ideal for smoothing walls made of gypsum or for finishing of plasterboard panels.

GYPSOCOAT PB 100 is the perfect product to be used as a substrate for paints as its additivation makes it slightly water repellent. This has two advantages: it makes primers more effective because they do not penetrate too deeply into the material and it prevents the paint applied to the surface to be "burned" by the high absorbency. GYPSOCOAT PB 100 is also applicable on plasterboard if not used as a filler stucco to fill the joints between panels. It has an excellent and open-ended workability, with an extremely low viscosity which allows to apply it easily but at the same time GYPSOCOAT PB 100 is fast drying and therefore allows the rapid commissioning and painting of the walls.

Gypsum is a mineral very abundant in nature. Its production process has only a low firing temperature and a slight grinding such as to give the whole process a very low environmental impact. GYPSOCOAT PB 100 presents a purely mineral composition, with an absolutely inert organic component, which does not generate volatile substances, absolutely not harmful to the environment. This makes GYPSOCOAT PB 100 a biological and natural product.

- *breathable and natural product*
- *good price/performance ratio*
- *excellent workability*
- *for indoors*
- *for smoothing before application of paints, varnishes and stuccoes*

AREAS OF APPLICATION

INTERVENTIONS

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

SUBSTRATES

- excellent on gypsum-based plasters
- first and 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 pool, 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, substrate 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.



COMPLY WITH THE STANDARD

EN 13279-1 B2 20 2 - EN 13963 2B

INDICATIVE DATA OF THE PRODUCT

Color/consistency: white/powder

Solid content %: 100

Bulk density kg/l: approx. 1,1

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: ≥ 5

Flexural strength (after 28 days)
(EN 13279-2) N/mm²: ≥ 2

Adhesion (EN 13279-2) N/mm²: ≥ 0,3

Reaction to fire (13501-1): class A1

Thermal conductivity - table value
(EN 12524) (W/mK): 0.39

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

Water used for mixing: add ≈ 43% of water on a part of GYPSOCOAT PB 100

Pot life: ≈ 50 min.

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