



BYK 1104 PRIMERA

Polymer Dispersion Based General Purpose Primer

BYK 1104 PRIMERA is a polymer dispersion based, one component primer material developed for all absorbent and weak surfaces.

FIELDS OF APPLICATION

- As to protection of the absorbent surfaces such as gypsum plaster, gypsum panel, plaster, chipboard from moisture in inside and outside areas,
- To prevent cracks caused by sudden water absorption of the surface before applying gypsum plaster,
- To increase the adherence of the self-levelling screeds to the floor and to reduce air bubbles,
- In order to decrease the amount of dust by applied on the screed surface in carpet under-screed applications,
- Used as primer before wallpaper and paint applications.

ADVANTAGES

- Extremely easy to apply.
- Increases adherence.
- Avoids rapid absorption of the surface water to be applied. Thus, prevents sudden drying cracks,
- Does not contain organic solvent.
- Protects from moisture.
- Solvent free and odorless.
- Can be used safely indoors

TECHNICAL FEATURES

Structure of Material	Modified Polymer Dispersion
Density	1 kg/ltr
Solid Matter	%17-20
Color	White
PH	7-8
Drying Time	2 hours
Service Temperature	-20°C / +80°C
Application Surface Temperature	+5°C / +35°C
Application Time of 2nd coat	2 hours
New Application Time	24 hours

The values above are given for +23°C and 50% relative humidity. While higher temperatures shorten the period, lower temperatures extend it



APPLICATION PROCEDURE

Preparation of the Substrate

The application surfaces must be free from all kinds of dirt. If the surface is very dusty, it should be washed with water or thoroughly cleaned with a wet sponge. All weak parts should be scraped off the surface and a solid and clean surface should be obtained.

Mixing

BYK 1104 PRIMERA is mixed with an electric mixer of 400-600 rpm/minute, by adding the amount of water specified in the application method, until a homogeneous mixture is obtained.

Application

BYK 1104 PRIMERA is poured on the cleaned and ready surface. The material is applied homogeneously to the surface by brush or roller. Depending on the condition of the surface, the application density should be adjusted. Consumption should be increased on surfaces with high adhesion risk. The formation of ponds should not be allowed on the surface.

In Gypsum Plaster Application

In 1st coat application, BYK 1104 PRIMERA is diluted with 1/2 water and applied by brush or roller.
In 2nd coat application, BYK 1104 PRIMERA is diluted with 1/1 water and applied by brush or roller.



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In Floor Screed Application

BYK 1104 PRIMERA is diluted with 1/2 water and applied by brush or roller.
In 2nd coat application, BYK 1104 PRIMERA is applied by brush or roller without mixing with water.

Before Ceramic Adhesive Application, On Ceramic Bonding To Gypsum Board

Or Plasterboard Surfaces

In 1st Coat Application BYK 1104 PRIMERA is diluted with 1/2 water and applied by brush or roller.
In 2nd coat application, BYK 1104 PRIMERA is applied by brush or roller without mixing with water.

As a Primer In Wallpaper And Paint Application

BYK 1104 PRIMERA is applied by brush or roller after diluting with 1/2 water.

Cleaning of the Tools

Tools and equipment used after the application should be cleaned with water. BYK 1104 PRIMERA can only be mechanically cleaned from the surface after hardening.

Coverage

In gypsum plaster application; 100-250 gr/m²
In floor screed application; 100-250 gr/m²
For adhering ceramics to plasterboard surfaces; 125-250 gr/m²
As a primer in wallpaper and paint application; 75-150 gr/m²

Watch Points

In BYK 1104 PRIMERA application, if the ambient and surface temperature is below +5°C or above +35°C, suitable temperatures should be expected. In outdoor applications, the application should be protected from sun, rain, wind and frost first 24 hours. Getting dirty of primer must be prevented during and after the application. Scratch test can be done to make sure the primer cured.

Package

5, 10 ve 20 kg plastic drum.



Shelf Life

When stored properly at room temperature, away from direct sunlight, between +5°C and +30°C, shelf life is 12 months from the date of production. BYK 1101 PRIMER freezes at temperatures below 0°C. Opened packages should be consumed within 1 week by closing their mouths.

Storage

The product should be stored in its original package, in a cool and dry place protected from frost. For short term storage, maximum 2 palletes should be placed on top of each other and the shipment should be made on a 'first come, first go' basis. Palletes should not be placed on top of each other during long term storage.

Health and Safety Precautions

It is dangerous to approach the application sites with fire. Fresh air should be circulated in the storage and the application sites. During the application, a protective apparel, protective gloves, goggles and masks which comply with the Occupational Health and Safety Rules should be used. Due to the irritation effect of the uncured materials, the mixture should not come into contact with skin and eyes; in case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately. No food or beverages should be brought to the application area. The product should be stored and kept out of reach of children.

Disclaimer

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. BYK Binyapi Co. is only responsible for the quality of the product. BYK Binyapi Co. is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones.