

byk®



BYK 1103 SBR

Multipurpose Binder Admixture for Cement Based Plasters and Screeds

BYK 1103 SBR is a copolymer dispersion based admixture used to increase adherence and water impermeability in cement based mortars, screed and plasters.

FIELDS OF APPLICATION

- As additive in adhesives and repair mortars,
- Adherence in mortars prepared for repair of screeds and plasters,
- Increasing water impermeability by adherence of internal and external plasters of water tanks, pools, treatment plants
- In increasing the adherence of the surface before applying plaster, screed and ceramic,

ADVANTAGES

- Ready Strong and permanent bonding,
- Provides excellent adherence,
- High resistance against chemical and mechanical attacks,
- Improves shrinkage resistance of plaster and screed, minimizes cracking of screed and plaster,
- Increases resistance to freezing and thawing,

TECHNICAL FEATURES

Material Structure	Modified Polymer Dispersion
Density	1,05 gr/cm ³
Color	White
Ph	7 – 8
Application Temperature	+5°C / +35°C

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

Application Procedure

Surface preparation

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

In Adhesives and Repair Mortars

BYK 1103 SBR/Water ratio should be 1/3.



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In Plaster Mortars

BYK 1103 SBR/Water ratio should be 1/4.

Primer in Screeds

1 part cement and 3 parts stream sand are mixed, Add 1 part **BYK 1103 SBR** to 2 parts water and add the liquid mixture to the powder mixture. The mixture brought to Boza consistency, It spreads.as 2 mm with brush on the floor

Screed Preparation

In suitable granulation, at least 350 kg of cement is mixed into 1 m³ of washed river sand The liquid mixture prepared by adding 110 lt water in the 5 kg **BYK 1103 SBR** is added to the powder mixture prepared beforehand and brought to the proper consistency of the gauge.

Consumption

Variable

Packing

5, 20 kg plastic bucket. 1000 kg ibc



Shelf Life

12 months after the production date under appropriate storing conditions. Opened products must be applied as soon as possible.

Storage

Store in cool and dry conditions protected from frost. In short-term storage, maximum 2 palettes can be stored on top of each other and delivery must be according to first in first out system. In long-term storage, do not store palettes on top of each other.

Health and Safety Precautions

Work cloth, protective gloves, goggles and masks concordant with Work and Worker Health rules must be used during the application. Due to irritant effects of the non-cured material, avoid contact to skin and eyes during storing and application. If such a contact occurs, it must be washed by soap and plenty of water. Consult a physician urgently if swallowed. Food and drink must be kept outside the application areas. Must be stored away from children. Please look at the Material Safety Data Sheet for detailed information.

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.