

BG- 02 NEW

BG-02 NEW is a pure acrylic emulsion used as an additive in cement mixtures to improve properties of mortars, plasters, adhesives, toweling compounds.

BG- 02 NEW Typical Properties :

Solids Content	33±1%
Viscosity at 25°C LVT 2/30	50-300 cps
PH	7.0-8.0
Particle Size	0.2±0.05 microns
Specific Gravity at 25°C	1.05
Surfactant Type	Anionic/Nonionic
Freeze/Thaw Stability	Unstable
Minimum Film Formation Temperature	+2°C

Film Properties :

BG-02 NEW forms a colorless, tough, slightly flexible film. It has high tensile strength.

Benefits by using BG-02 NEW:

1. Water/ Cement ratio reduction without any loss of workability thereby giving a denser mortar with better waterproofing qualities, greater mechanical strength and less chance of cracking.
2. There is a better hydration of the cement within the mixture as the addition of **BG-02 NEW** acts to retain water for longer period of time, preventing premature evaporation of water by the creation of polymer film within the mixture.
3. **BG-02 NEW** greatly increases the adhesion, compressive and flexural strengths of the mixture.
4. **BG-02 NEW** gives greater workability and replaces lime within the cement mixture thereby eliminating the danger of forming corrosive salts over time.
5. **BG-02 NEW** enables the cement mixture to be resistance to corrosion both from environments conditions.

Application :

WATERPROOFING PRIMER:

1 part of **BG-02 NEW** diluted to 30% with water, mix well with cement (gray or white) until achieving a brushable "paint".

Paint the surface in 2 coating layers allowing drying time between the coats.

CEMENT MIXTURES ADDITIVE FOR MORTARS-PLASTERS-ETC.

Add 10-20% **BG-02 NEW** in relation to the amount of cement used within the specific mortar/ plaster mixture. For Swimming Pools and places with high water contact, it is recommended to use 20% **BG-02 NEW**.



Packaging :

200-kilo lacquer lined metal drums with polyethylene inner liner, 1-ton polyethylene container.

Storage :

B.G. POL BG-02 NEW can be stored in original containers it is supplied in. Store in shade and protect from freezing.

Further Information about safe handling of this product can be found in the publication, "B.G. Polymers Safety Data Sheet".

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