

Product Data Sheet

CONCRETE BONDING AGENT.

ABOUT THE PRODUCT

SB Latex G+ is a single-component, white emulsion, multi-purpose, acrylic polymer bonding agent with high-density properties. It's designed to improve the bonding strength and durability of concrete and mortar surfaces..

BENEFITS OF THE PRODUCT:

- **Single Pack:** Easy to use, no mixing required.
- **Increases Strength:** Enhances the strength of concrete and mortar.
- **Flexible:** Provides flexibility to prevent cracking and other issues.
- **Excellent Tensile Strength:** Superior tensile strength for long-lasting results.
- **Reduces Shrinkage:** Minimizes shrinkage during curing.
- **Prevents Cement Bleeding:** Helps reduce the risk of cement bleeding.
- **Outstanding Water Resistance:** Protects concrete from water damage.
- **Excellent Adhesion:** Bonds effectively to a variety of construction materials, including concrete and steel.
- **Improves Mechanical Properties:** Enhances the overall mechanical performance of concrete.
- **Abrasion Resistant:** Provides abrasion resistance for better durability.
- **Reduces Water Permeability:** Limits the penetration of water through the material.
- **Improves Workability & Final Strength:** Enhances workability, leading to stronger, more durable structures.
- **Excellent Bonding to Concrete, Steel & More:** Offers superior bonding to most construction materials.
- **Non-Toxic & Customer Friendly:** Safe to use and friendly for the environment.
- **More Economical:** More cost-effective than epoxy-based bonding agents and can be used with potable water.
- **High Density:** Enables effective bonding for large section areas.
- **Can Be Used for Waterproof Coatings:** Also effective for waterproofing applications.
- **Cost-Effective:** Budget-friendly without compromising quality.

PACKING DETAILS:

ADMIX MAX BOND is available in 5Kg, 50 Kg, 200 Kg plastic barrels.

PRODUCT USES:

SB Latex G+ is a versatile bonding agent ideal for concrete and mortar applications, providing:

- **Excellent Bonding:** Ensures strong adhesion between surfaces.
- **Waterproofing Characteristics:** Adds water-resistant properties.
- **Flexibility & Workability:** Improves workability and flexibility.
- **Cohesiveness & Durability:** Enhances the durability and cohesiveness of concrete.
- **Increased Strength:** Both early and ultimate strength are significantly increased.

FOR CONCRETE REPAIRS:

SB Latex G+ is a versatile bonding agent ideal for concrete and mortar applications, providing:

- **Repairs of Large Concrete Sections:** For floors, beams, slabs, or other large damaged concrete areas, SB Latex G+ ensures excellent bonding and increases abrasion resistance, impact resistance, flexibility, and workability.
- **Water Tank, Pool & Effluent Tank Repairs:** Ideal for applications in water-retaining structures, such as water tanks, swimming pools, effluent tanks, lift pits, and basement concrete, adding toughness and bonding strength.
- **Bonding Old to New Concrete:** Especially effective for joining old to new concrete, providing a monolithic bond that's more economical than epoxy-based agents.

SHELF-LIFE:

24 months from the date of manufacturing if stored in original container under shade.

PRODUCT PROPERTIES:

Product Appearance	:	Semi Paste
Colour	:	White
Mixing Combination	:	Water
Application Method	:	By Brush / Roller
Coating Layer	:	Visual
Gap Bridging	:	Excellent
Abrasion Resistance	:	Excellent
Setting Time	:	Initial Setting : 30 Minutes Final Setting: 24 Hours
Recoating	:	Easy
Shelf Life	:	36 Months
Bonding Strength	:	200-250 psi (1.4 to 1.75 MPa)
Standard	:	Conforms to BS6920
Solid Content	:	ASTM D2369
pH Value	:	9 (ASTM E70)

APPLICATION PROCEDURE:

- Apply SB Latex G+ by brush onto a wet surface before placing fresh concrete.
- For better coating layer uniformity, SB Latex G+ can be diluted at a 1:1 ratio with water.

QUALITY ASSURANCE:

SB Latex G+ is manufactured under stringent quality control processes and is compatible with different climatic conditions across India.



GOLDEN BUILDING CHEMICALS

The information given in this data sheet is based on both current development and many years of field experience. While every effort is made to ensure that the information is reliable, we cannot accept responsibility of any work carried out with our products as we have no control over the application procedure adopted at site and site conditions. In view of continuous research and development in our laboratory, we advise customers, in their own interest, to ensure that this data sheet has not been superseded by any other publication. Field services where provided, does not constitute supervisory responsibility. For additional information, Golden Chemical local representative or customer care department may be contacted.