



**Green Build
Egypt**
Experience and Innovation

GBCRYL WB

جي بي كريل دبليو بي

Water-Based, Pure Acrylic, Water-proofing, Weatherproofing, and Anti-Abrasion and Wear Protective Coating.

Added Value

- Single component, easy to apply, very fast dry
- Protects exposed concrete structures against water and ingress of atmospheric gases and salts
- Wear and abrasion resistant
- Excellent adhesion to most of the substrates.
- Good resistance to dilute acids, alcohol, hydrocarbons, chloride and sulphate ions.

Economic and Easy to Apply

- Economic; 4-6 m²/ coat for each kg. of the coating.
- Easy to apply by brush, roller or spraying machine..

Product Specifications

- White Paste (other colors are available upon request including gray and yellow and like cement colors).
- Density : 1.4 Kg./Lit
- Application Temp: 5 to 45 [°C]
- Solid Content 65 % ±2
- Waterproofing: 0.27 ;g./m²/day (W2)
- Impact Resistance 1KG./1mH: pass
- Adhesion to Concrete: 3.8Mpa
- Wet Abrasion: > 500 cycles.
- Vapor Resistance :131 gm/m²/day
- Drying Time:10-20 Minutes@30°C.
- CO₂ Diffusion resistance: 0.35 gm/m²/day. (C1)
- UV resistance: Pass 200 hours UV exposure (312 Nano WaveLength UV)



Cryl WB, Features:

- **GBCryl WB** is a single component, wear and abrasion resistant, pure acrylic waterproofing and protective coating.
- **GBCryl WB** upon curing forms a tough, flexible and durable coating which is resistant to UV and other weathering agents.
- **GBCryl WB** is also used to protect outdoor concrete elements against wear and abrasion.
- **GBCryl WB** is a unique product for waterproof and protect the New Jersey and paving corridors.
- **GBCryl WB** is a **GREEN** material, since it contains no solvents, or any harmful materials and water based product.

Application Fields

- **Used as waterproofing, appearance improving and protective coating for the following structures:**
- **Pre-cast concrete units.**
- **Road corridors lining.**
- **Sloped concrete roofs, metal profile roofs & acrylic roofs**
- **Road marking for concrete based floors.**
- **Protective coating on underpasses & concrete**
- **Building decks protective coating.**

Health and Safety

- **Wear gloves and goggles while application.**
- **The material is not harmful for skin.**
- **Water-based, washing out with plenty of water.**

Packing

- **Supplied in a plastic pack of 20 Kg. net weight of GBCryl WB.**
- **An internal plastic sack which is tight and sealed for double protection of the product.**
- **Shelf life is 12 months in an unopened containers.**

Application Instructions:

- Clean the surfaces which shall receive the coating of all dust, dirt, moss, oil and grease, loose particles, cement laitance and all other deleterious materials which will affect the adhesion of the coating with the substrate.
- **GBCryl WB** could be diluted with up to 10 % water (In case of spray) and applied as primer coat on the concrete surface to seal the pores and stabilize the surface. The primer also functions as an adhesion promoter for the top coats. This primer coat can be applied by a brush, roller or airless spray and allowed to dry completely before the application of acrylic coating.
- Mix the contents of the pack prior to the application to remove any sediment. **GBCryl WB** can be applied by soft bristled brush, roller or an airless spray. When applying by airless spray, dilute the coating with approximately 5% water to reduce the viscosity of the coating (If necessary) .
- It is important to ensure that each coat has to be cured totally before applying the next coat. The second coat should be applied at right angle to the first at the same coverage rate, to ensure a full unbroken coating to the substrate.



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