



PolyBond Concrete

Two Component Epoxy Bonding Adhesive / Primer for Concrete

DESCRIPTION

PolyBond Concrete is a 100% reactive, two component material designed as a moisture insensitive adhesive and primer for bonding old concrete with new concrete.

TECHNICAL DATA

Theoretical Coverage		Water Absorption	< 0.2%
As Primer	200 - 250 gms/m ²	Gel Time	30 minutes
As Bonding Agent	250 - 300 gms/m ²	DFT	150 – 200 μ

APPLICATIONS

- Bonding old concrete with new concrete / flooring
- Priming and sealing
- Bonding topping
- General adhesive
- Floor joints

ADVANTAGES

- More flexible than high modulus systems to take addition movement
- Excellent adhesive for bonding together concrete, steel or wood materials
- Bonds fresh concrete toppings to harden old concrete slabs
- Protects concrete substances against chemical attack including most acids and caustics
- May be extended with sand or aggregate for thick applications and mortar repairs
- Designed for use at temperatures 10 °C and above

APPLICATION METHODOLOGY

- Ensure that surface is clean, sound, rough and free from any standing water, oil dirt, debris, paint, unsound concrete or other contaminants
- Ensure that temperature is in the rage of 16 °C - 32 °C
- Mix Component B (Resin) to Component A (Hardener) – *not the rivers- for 2 – 3 minutes using drill and mixing prop.
- Apply PolyBond Concrete by roller, squeegee or airless sprayer in a uniform fashion.



- Do not allow the material to puddle. Extremely porous surfaces may require a second coat for proper ultimate performance
- PolyBond Concrete can be used as moisture insensitive primer where the concrete moisture is between 5 -7 %.

CLEANING AND MAINTENCE

- Clean all tools and equipments immediately after use with xylene or toluene. Do not allow material to harden.

HEALTH AND SAFETY

- Use mask, nose cover and hand gloves during application
- Clean hands with warm soap water after application
- Avoid contact with skin / eyes. In case of unlikely contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area.
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

PACKAGING

Available in 2kg x 10 kg carton box.

STORAGE

Must be stored in original packing at ambient temperature, dry place under shed away from heat.

SHELF LIFE

If stored in original unopened sealed under the above conditions, it has a shelf life of 9 months.