



AL ZARINA
BUILDING SPECIALITY FZCO

POLYBOND 2000 (SBR)

DESCRIPTION

Polybond is a commercial grade of Styrene Butadiene (SBR) co polymer base product used in mortar and concrete as an admixture and bonding agent to increase water resistance and durability.

USES

- Waterproofing internally, basements, swimming pools, potable water tanks and towers, sludge tanks and ducts, tunnels and underpasses, computer and plant rooms.
- Waterproofing suspended floors: Patio areas walkways and balconies, floors for wet areas, plant rooms.
- Waterproof / protective slurries, potable water, sewerage and mild chemical holding tanks, porous concrete, block work or brick work long term protection reinforcement or friable concrete soffits.
- Waterproof non – slip finishes: Car decks, walkways, balconies, staircases.
- Bonded and water vapor proof thin screeds: At ground level and on upper floors.
- Repair of concrete.
- Admixture: As an admixture for cementitious systems POLYBOND 2000 (SBR) improves the durability, waterproofing and abrasion resistance of mortars.

FEATURES

- Good abrasion and chemical resistance
- Excellent bonding to asphalt
- Thin – Screed, which is water / vapor proof
- Low water / cement ratio
- Compatibility with all cements
- Reduces shrinkage
- Good resistance to salt permeation
- Prolonged corrosion protection
- More economical than epoxy or polyester resin mortar

TECHNICAL PROPERTIES

PH	9 – 10.5
Specific Gravity	1.10
Adhesion	Excellent to concrete, steel, brick, glass etc.
Service Temperature	- 20 Deg C to + 60 Deg C
Solid Content	35 %

APPLICATION INSTRUCTION

Surface Preparations: Surface to which Polybond mixes are to be applied should be clean and free of loose substances. Remove all alliance, oil, grease or curing compound from concrete surface using wire brush, bush hammer or other suitable equitable as appropriate.

Ensure that reinforcing steel is clean and free from grease or oil, remove scale and rust. When repairing damaged concrete, ensure that the concrete has been cut back to thoroughly sound material.

POLYBOND 2000 (SBR): Standard dose is 5–8 Liter per 50 Kg of cement used. Charge the mixer with required quantity of sand and cement and premix for approximately one minute. Pour the required quantity of Polybond and mix for two minutes. Polybond Modified mix should be placed – over the still wet bonding slurry, well – Compacted and struck off to level. It may be trowel led to the required finish using a steel trowel.

DOSAGE RATE

For normal use with cement sand screed, the standard doses of 5 Liter of POLYBOND 2000 (SBR) for 50 Kg of Portland cement is recommended.

SHELF LIFE

Shelf life is up to 18 months when stored as per recommendations.


PACKING


Available in 20 litre cans and 200 litre drums.


HEALTH & SAFETY


As with all construction chemical products caution should be always be exercised whilst usage. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin on eyes with fresh water immediately. Should any of the product be accidentally swallowed do not induce vomiting, but call for medical assistance immediately.

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.

 Unit # 001, Building A1,
International Free Zone Authority,
Dubai Silicone Oasis, Dubai,
United Arab Emirates.

 +971 4 346 2025

 info@alzarinabs.com

 www.alzarinabs.com