



B3

POLY BOND 770

BONDING AGENT FOR CEMENT MIX AND CONCRETE REPAIRS

BOND
CEMENT MIX
CONCRETE REPAIRS

Poly Bond 770 is a polyvinyl acetate emulsion bonding agent. It is added to cement to increase the bond strength between old and new concrete. Poly Bond 770 is compatible with all types of Portland cement including sulphate resisting cement, high alumina cement and gypsum plaster

USES

As bonding agent for concrete, mortars, ceramic tiles, wood and insulation boards. Suitable for use in concrete repair.

ADVANTAGES

- ▣ Increased adhesion – cementitious mixes
- ▣ Better workability
- ▣ Improves plasticity
- ▣ Reduces porosity and cracking

PRODUCT INFORMATION

Composition	Poly Vinayl Acetate emulsion
Packaging	20 L pail
Appearance / Colour	White Liquid
Shelf Life	12 months if stored in original unopened container
Storage Conditions	Store in cool, dry, well ventilated conditions, out of direct sunlight at 35 °C.
Density	Sp.Gravity: ~1.01 kg/l (at +25 °C)

TECHNICAL INFORMATION

APPLICATION INFORMATION

Mixing	Mix cement and sand mortar with poly bond pva pure to trowable consistency for thickness upto 2mm.
--------	--

B3

POLY BOND 770

BONDING AGENT FOR CEMENT MIX AND CONCRETE REPAIRS

APPLICATION INSTRUCTION

SURFACE PREPARATION

The substrate must be sound, clean and free from dust and loose particles. All cement laitance, oil, grease, dirt, etc., must be removed by using a wire brush or any other suitable method, eg. water-jet, compressed air.

APPLICATION

Bonding of new concrete to old concrete Old concrete surfaces should be saturated with water until Saturated-Surface-Dry (SSD). Apply a bonding coat, by mixing cement with Poly bond 770 to a slurry consistency, onto the substrate. Place the new concrete while the bonding coat is still tacky. As a plaster bonding agent and cement rendering Seal the surface and prime with slurry made from Poly bond 770 added to cement. Then plaster or render while the slurry is still tacky. As a bonding agent for ceramic tile, mosaic Dampen the substrate as well as the tiles. Apply a bonding slurry, made from mixing cement (neat) with Poly bond 770(1 : 1), to the damp substrate and to the back of the tiles. Allow to become tacky before plastering the tile with mortar to the required thickness. Firmly press the tile to the floor or wall to ensure full contact.

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use. Hardened / cured material can only be removed mechanically.

IMPORTANT CONSIDERATION

- ❑ **DO NOT** use Poly bond 770 as a bonding coat without adding cement
- ❑ **DO NOT** use Poly bond 770 in structures that are wet and/or submerged in water e.g. shower area and swimming pool.
- ❑ **DO NOT** dilute Poly Bond PVA with water

HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling storage and disposal of chemical products, users shall refer to the most recent MSDS containing all the details.control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application.



LEGAL DISCLAIMER: Polywed endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Polywed has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of the Technical Data sheets are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated of the technical Data Sheets.