

ZEMBOND Mortar & Plaster Aid

COMPANY INFORMATION

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PRODUCT NAME

ZEMBOND Mortar & Plaster Aid

PRODUCT DESCRIPTION

ZEMBOND Mortar & Plaster Aid is a high quality acrylic based additive formulated to improve the strength & workability of ordinary mortar as admixture, bonding slurry and scratch coat. It increases strength, controls temperature cracks, reduces dust build up & bonds fresh mortar to old concrete & smooth raw concrete (e.g. beams & columns).

1. ZEMBOND Additive to Regular Mortar

- Increases bonding of mortar to masonry wall or raw concrete
- Improves bonding strength between new & old plaster or concrete
- Prevents shrinkage cracking
- Reduces brittleness of concrete
- Improves water resistance
- Improves compressive & tensile strength
- Increases abrasion resistance
- Eliminates concrete surface roughening
- Controls mortar's water loss for proper curing
- Controls temperature cracks on concrete topping
- Reduces dust build-up on concrete topping
- Controls mortar's water loss for proper curing

2. ZEMBOND Primer used as Bonding Slurry

- Bonds fresh mortar to old concrete
- Increases bonding of mortar to masonry wall or raw concrete
- Eliminates concrete surface roughening

3. ZEMBOND Primer used as Scratch Coat over Waterproofing

- Aids skimcoat (Zemcoat Thin Plastering) or regular plaster to securely bond with cementitious waterproofing (Aquashield Plus)

THE ZEMBOND ADVANTAGE

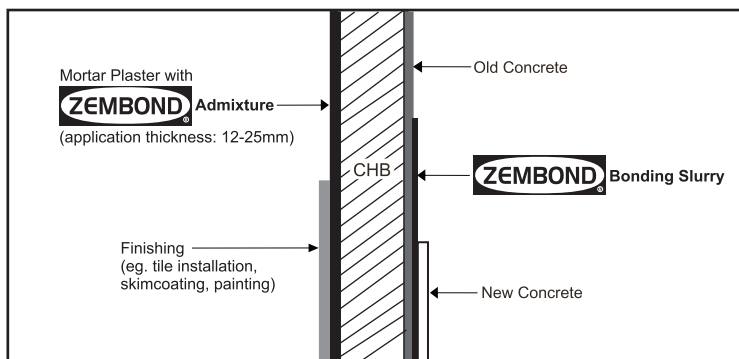
- ✓ Crack Resistant
- ✓ Abrasion Resistant
- ✓ Extra Strong
- ✓ Renovations
- ✓ Eliminates Chipping
- ✓ High Water Retention



CLASSIFICATION STANDARD

- ✓ ASTM C1059 (USA) American Society for Testing and Materials
- ✓ PNS ASTM C1059 Philippine National Standards

SECTIONAL DETAIL



SURFACE PREPARATION

The surface must be structurally stable and level. Concrete surface must be clean and free from paint & contaminants such as dirt, dust, loose material, oils and chemicals. If needed, acid etch the surface to be plastered (e.g. marble or granolithic floors). For wall applications, remove flaking paint from the substrate using paint remover, or by scraping it off the wall. Slightly dampen concrete surface before application.

APPLICATION GUIDE

⚠ **Shake well before use. Use only non-absorptive materials as mixing base** (plastic pail or galvanized iron sheets). If absorbent materials such as plywood, wooden box, gypsum board, fiber cement board or cardboard is used, it will affect the chemical properties of the product, which can result in bonding failure and poor product performance.

1. ZEMBOND as Mortar Admixture

Mix Zembond with clean water. Use this as gauging water for the cement and sand mixture. **Note:** Water consumption is dependent on mortar use, moisture content of sand and weather conditions.

Mixing Ratio	Zembond	:	Cement
REGULAR Strength	4L	:	1 bag
HEAVY-DUTY Strength	6L	:	1 bag

2. ZEMBOND as Bonding Slurry

Mix Zembond with portland cement until you achieve a creamy consistency. Apply the slurry immediately using a stiff brush before the mixture hardens. **Note:** Apply mortar mixture only when slurry is still tacky.

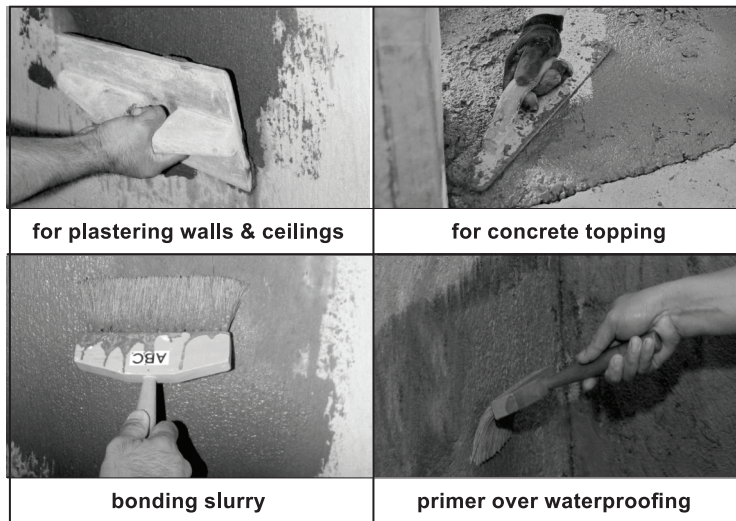
Bonding Slurry Mixing Ratio		
1 part ZEMBOND	:	1.5 parts Cement

3. ZEMBOND as Primer over Aquashield Plus Waterproofing

Apply pure Zembond using a stiff bristle brush (Tampico) over the waterproofed surface before Zemcoat Skimcoat.



💡 **Tip: Mark areas where Zembond has been applied since the product becomes clear as it cures.**



COVERAGE

ZEMBOND USE	THICKNESS	COVERAGE
Modified Mortar	Plaster	16 mm
	Concrete Topping	25 mm
Bonding Slurry	approx. 2 - 4 mm	16 m ²
Primer	approx. 0.5 - 1.5 mm	4 m ²

PACKAGING

1L & 4L plastic container

STORAGE & SHELF LIFE

Store in a cool dry place. Zembond Mortar & Plaster Aid will remain usable one year from date of manufacture.

WARRANTY

Due to variety of applications, different working methods and the various properties of bases, we cannot assume responsibility or liability with regard to the application of our products. Our guarantee and liability are restricted to the quality of our products at the time of acceptance of the customer of such products. In no case shall our liability extend beyond replacement of defective products, if any, found at the time of acceptance. For all deliveries and services, our General Sales Condition including warranties stipulated for each case are valid.