

FYLLA-BOND +



CONCRETE & PLASTER BONDING PRIMER

FYLLA-BOND + co-polymer compound are used to bond and enhance the joining of concrete, cement screed and plaster. **FYLLA-BOND +** normally applied in floors, walls, column ramp screeding, tiles, mortar bedding & plaster to eliminate delamination which causes crack and hollowness. It can be applied in a single application prior concrete placement. It's suitable for exterior and interior used.

USAGE:

- As based primer coat to concrete & plastering
- Floor toppings screed to concrete, repairs and levelling concrete surfaces
- Floor screeding to receive tiles & floor finishes
- Topping to Ramp
- Concrete column, beam and wall plaster primer.
- Floor Topping screed to concrete
- Skin coat to gypsum base
- General reconstruction work/latex modified overlays
- As bonding agent to concrete floor repair
- Thin setting and feather finish bonding primer.

TECHNICAL DATA & PRODUCT CHARACTERISTICS:

COMPOSITION	Co-polymer	pH	6.0 -7.5
PHYSICAL FORM	Liquid	PACKAGING	20 KG /PLASTIC PAIL
COLOR	Blue	FLAMMABILITY	Non-flammable
SOLID CONTENT (%)	52.0 +- 1.0	OPEN TIME	2 hours – 14 days
DENSITY	Approx.1.05	SHELF LIFE	24 months
TOXICITY	Non-toxic		

PERFORMANCE PROPERTIES: Tested by SETSCO

Test Results	Pull-out Test						Shear Bond Strength Test
	ASTM D4459						ASTM C1042
Test Method							
Age at Test (days)	07			28			28
Maximum Load (kN)	2.85	2.68	2.58	4.05	4.04	4.09	154.40
Tensile Adhesion Bond Strength (N/mm ²)	1.14	1.07	1.03	1.62	1.62	1.64	Compressive Strength (N/mm ²) 35.4
Bond Strength (N/mm ²)	1.08			1.63			8.9

MATERIAL PHYSICAL PROPERTIES:-

Application Rate	Roller	3 - 5m ² /kg
	Brush	2- 4 m ² /kg

Consumption depends on porosity of substrate surface.

SURFACE PREPARATION

All substrates shall be structurally sound, free of dirt, oil, dampness and others contamination. Remove contaminated and loose surface and make good with suitable repair material.

APPLICATION

FYLLA-BOND + shall be mixed well before use and applied uniformly by using brush or roller. Additional coat may be repaired at surface is too porous

WASHING AND CLEANING

Immediately wash hands and tools promptly with water before material cures. Uncured **FYLLA-BOND +** can be removed with water. Hardened material can only be removed mechanically with scrapper or sharp blade.

SAFETY PRECAUTION

Use protective clothing, gloves and goggle at all time when handling materials. Wash with plenty of water and soap if liquid is smeared on skin. Seek immediate medical advice in case of material comes in contact of eyes or swallow. Make sure proper ventilation at work site is adequate. **FYLLA-BOND +** is hazard free and it's classified as un-harmful to human skin contact. As with all chemical products, caution should always be exercised. Keep away from children.

POLYCELL TECHNICAL DEPARTMENT

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