

FIBWELD

Acrylic Bonding Coat

DESCRIPTION

Fibweld is an adhesive of acrylic base, for permanently bonding plaster, stucco and concrete to damp or dry concrete and masonry surfaces. It is also used for waterproofing.

AREAS OF APPLICATION

- Bonding the finish plaster coat or stucco to concrete or masonry surfaces
- Bonding agent in the repair of ceiling and wall structures
- May be used to bond new concrete to existing concrete
- Improves durability of dusting concrete surfaces

FEATURES & BENEFITS

- Eliminates brown and scratch coats when plastering ceiling and columns.
- Can be applied to either damp or dry surfaces
- Film remains flexible and re-wet table upto 24 hrs application

APPLICATION METHODOLOGY

1) Plaster Applications

PREPARATION

Fibweld must be applied to structurally sound surfaces which are clean and free from all loose and scaly materials. Remove all traces of dirt, dust, oil, grease or wax. Painted surfaces should be sanded to remove the gloss.

MIXING

When used in plaster application, Fibweld should be used as it is from the container and requires no pre-mixing

PLACEMENT

Fibweld should be applied by brush, roller or spray in one continuous unbroken film. Allow at least 30 to 40 minutes drying time, or until tacky to the touch, before applying the plaster. When making plaster repairs it is imperative that each coat of plaster be allowed to properly cure before the application of successive coats.

FINISHING

Finish the plaster to the desired texture.

2) Slurry Coat

PREPARATION

If using this product as a slurry bond coat for a traffic bearing topping, the concrete must be a minimum of 3 days old.

The concrete must be clean and rough. All oil, dirt, debris, paint and unsound concrete must be removed. The surface must be prepared mechanically using a scabber, bush hammer, shot blast or scarifier which will give a surface profile of a minimum 3 mm and expose the coarse aggregate of the concrete.

Allow the concrete surface to dry. Do not place slurry coat on standing water. All concrete must possess an open surface texture with all curing compounds and sealers removed.



BONDING

For bonding traffic bearing toppings with this product, we strongly recommend using a slurry coat rather than using this product as a primer by itself. The slurry coat should be mixed as follows :

Cement	: 50 kgs
Fibweld	: 10 ltr
Water	: 22 ltrs

Coverage will be 56 - 74 m² for this quantity. Actual coverage is highly dependent upon the substrate profile. After the surface has been prepared, prime all areas with a slurry coat before the topping is applied.

PRECAUTIONS

Fibweld should not be used in standing or running water.

COVERAGE RATE

	m ² / litre
Bonding plaster to new concrete surfaces	9.8 to 12.8
Bonding plaster or stucco repairs	7.4 to 9.8
Bonding self-leveling under layment	4.3 to 7.4
Slurry bond coat	4.9 to 6.1

TECHNICAL SPECIFICATIONS

The following tensile strength test results are typical of those expected in using FibWeld for the noted bonding applications

Tensile Strength kg/cm²

Material Bonded	Min. required specification	Bonded Tacky	Bonded after 24 hrs aging
Neat Moulding Plaster	17	37	33
1:3 Gray Gypsum & Standard Sand	4	33	16
Concrete	-	15	13

BOND STRENGTH @ 14 DAYS - 47 KG/cm²

APPEARANCE

FibWeld is a free flowing salmon coloured liquid.

PACKAGING

Available in 1,5,20,200litre & Project Standard.

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