

# TERRABOND P.

## P.V.A. BONDING AGENT

**Terrabond P is a cost-effective, universal bonding agent. It is designed as an additive for concrete, plasters, gypsum plasters and ceramic adhesives. Terrabond P can be used for pre-treatment of substrates as an adhesion-promoting agent, to form a strong bond between cement and a variety of substrates, without the need for mechanical preparation of the surface. It can also be used as a primer/sealer for decorative coatings.**

### PROPERTIES:

Terrabond P is a medium viscosity, polyvinyl, alcohol-stabilised homopolymer emulsion, externally plasticised. It produces clear films with good blanch resistance in contact with water.

### mixing for repairs:

For repairs on porous surfaces, mix the mortar using a solution of one part Terrabond P to two parts water. For repairs on firm surfaces in excess of 5 mm use a 1:5 solution and below 5 mm use a 1:2 solution.

### AREAS OF USE:

For use with concrete, sand and cement mortars, gypsum plasters, tile and ceramic adhesives.

### FOR PLASTERS AND SCREEDS

For plasters and screeds the addition of Terrabond P is used to improve adhesion and workability of the mix applied to surfaces such as fairfaced or "floated" concrete. Prior to application the preparation procedures should be followed, if deemed necessary.

### AS A PRIMER / SEALER:

As a primer/sealer, Terrabond P is used for the pre-treatment of porous but firm surfaces of concrete, aerated concrete, plaster and screeds, as an adhesion promoting and sealing agent. Before application thoroughly clean and remove any loose particles from the surface. If the surface is dusty or flaking, the use of *TERRACO* Penetrating Primer is recommended.

### mixing for plasters and screeds:

Mix the mortar / screeds using a solution of 1 part Terrabond P to 5 parts water. For thin-coat mortar plaster a solution of 1:3 is recommended.

### for tile-fixing:

For tile fixing mortars, the addition of Terrabond P will increase adhesive capabilities of cementitious tile mortars / adhesives. Prior to application preparation procedures should be followed, if deemed necessary.

### PRIMER / SEALER APPLICATION:

Apply a solution, of one part Terrabond P to five parts water using a brush or appropriate spray equipment.

### REPAIRING OF SURFACES:

For the repair of surfaces, Terrabond P is designed to simplify the standard repair procedures and to help form a strong bond between the new and old work. Prior to application of repair mortar, follow the preparation procedures as previously outlined.

**mixing for tile-fixing:**

When using a thick-bed tiling, mix the mortar adhesive using a solution of one part Terrabond P to three parts water. With thin-bed tiling a solution of 1:2 is recommended.

<b>PRODUCT</b>	:	Bonding Agent
<b>BINDER</b>	:	P.V.A.
<b>SPECIFIC GRAVITY</b>	:	1.05
<b>SOLID CONTENTS</b>	:	45% approximately
<b>pH VALUE</b>	:	5.5
<b>FILM APPEARANCE</b>	:	Clear, flexible
<b>PACKAGING</b>	:	20 ltr conipails and gallon cans
<b>STORAGE</b>	:	6 months in unopened original containers

EXAMPLE OF OPERATION	MORTAR / BED THICKNESS	APPROX. CEMENT CONTENT BY wt. kg./ m <sup>2</sup> /	RECOMMENDED % TERRABOND P OF CEMENT	WATER / TERRABOND P RATIO
<b>REPAIRS:</b>				
<b>POROUS SURFACE</b>	Over 5 mm	400	25%	2:1
<b>FIRM SURFACE</b>	Under 5 mm	400	25%	2:1
	Over 5 mm	400	10%	5:1
<b>PLASTERS AND SCREEDS</b>	Over 5 mm	400	10%	5:1
	Under 5 mm	400	15-20%	3:1
<b>TILE FIXING</b>	Thick bed	400	15-20%	3:1
	Thin bed	400	25%	2:1

**PACKAGING AND STORAGE:**

Terrabond P is supplied in 20 ltr conipails and gallon cans. The material should be stored in a clean, dry area, protected from direct sunlight and extreme heat or cold. Ensure the oldest material is used first.

The information given in this leaflet is based not only on work in our laboratories, but also on practical experience obtained during field work.

All products are sold subject to standard conditions of sale which are available on request.

**TECHNICAL SERVICE:**

TERRACO offers a comprehensive range of products and services for most finishing

This information is based on TERRACO's present state of knowledge and is intended to

needs. Please contact the *TERRACO* Technical Department or your local *TERRACO* agent for further information, samples, demonstrations and instructor services.

provide general information on *TERRACO*'s products and their methods of use. The prospective user is recommended to determine the suitability of *TERRACO*'s suggestions and products before adopting them on a commercial scale.