

E-B EMULSA-BOND



Mix-in Bonding Primer



Added Bond For Problem Surfaces

Owatrol E-B Emulsa Bond is the painter and decorators perfect solution to saving time and money when painting chalky, powdery or porous surfaces whether inside or out.

E-B allows you to apply the first coat of paint and stabilising primer in the same application, thereby eliminating the need for applying a separate stabilising solution.

When added to the first coat of masonry paint or interior emulsion E-B acts as a stabiliser, penetrating deep into the surface to firmly bond the first coat of paint to the substrate, ensuring an even coverage and maximising adhesion between the first and second coat of paint.

E-B's high solids content maintains the inherent characteristics of the paint, improves hiding power and increases coverage by up to 20%.

Low in odour, it is the ideal solution to all those interior distemper and whitewash problems, eliminating the need for the laborious job of washing down. Just scrape the surface to remove loose material and E-B mixed into the first coat will make the paint stick!

- **Coverage:** N/A
- **Drying Time:** Paint Manufacturers Guidelines
- **Sizes:** 1ltr, 2.5ltr
- **Application:** Brush, Roller, Spray

Tip

If paint thickens add up to 7% water to restore paints original consistency

For oil-based paints on chalky surfaces, add Owatrol Oil in the same proportion as E-B



Rub your hand on the surface, if it looks like this
You need E - B

Suitable for:

Old Chalky Paintwork

Old Render

Porous Paintwork

Exterior Plywood

New Plaster


Chalky & Distemper Surfaces


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<p>Printed January 08</p>	<p style="text-align: center;">EMULSA-BOND (E-B) Mix-In Bonding Primer Technical Data Sheet</p>	
<p>Description E-B is a high penetrating, modified oil, specially designed to mix with water based masonry or interior paints, so allowing the painting of chalky, powdery or porous surfaces without the need for a separate stabilising solution or binder. E-B provides a bonding primer and first flat coat of masonry or interior paint in one, at the same time maximising adhesion between the first and second coats. It offers the timesaving benefit of a primer and first coat in one application without altering the colour or drying times of the paint</p> <p>Where to use E-B E-B may be used on sound but chalky paint (emulsion or oil); distemper; sandblasted masonry; bricks; weathered but sound asbestos cladding, exterior plywood or hardboard cladding; exterior wood and weathered aluminium</p> <p><u>TECHNICAL DATA</u></p> <p>Finish: N/A Freeze Thaw: Passes 5 cycles Shelf Life: 10 years VOC: Does not exceed 345gms/ltr Flash Point: 63°C Temperature Application: Exterior 10°C – 35°C, Interior 5°C and above</p> <p>Coverage Coverage will vary depending on texture and porosity of the surface, but in general 20% less material will be used, than if the paint had been applied without E-B</p> <p>Drying Time As per the paint manufacturers guidelines</p> <p>Application Method Brush, roller or airless sprayer (tip size and pressure as per manufacturers guidelines) Apply in dry weather conditions when using in paints on exterior work Do not apply if cold or wet weather is expected within 24 hours when using in paints on exterior work Always test compatibility by mixing a small amount of E-B and paint before mixing larger quantities DO NOT APPLY finish coat if the first coat feels soft or tacky Customer tinted colours or paints of different manufacturing batch numbers must be blended together and thoroughly mixed to assure uniformity of colour PRIOR to mixing with E-B If thickening occurs, add tap water (no more than 7 per cent per litre) to bring the mixture back to the consistency of the original paint.</p> <p>Limitations Use E-B in first coat of paint only Do not add E-B to gloss water based paints for one coat work Do not add E-B to oil based paints. For oil based paints use Owatrol Oil and follow the E-B mixing instructions The use of water based masonry or interior paints with or without E-B, over heavy accumulations of old brittle, flaky or cracked paint is not recommended E-B is compatible in all paint and primers where clean up is specified as water</p> <p>Sizes 1ltr and 2.5ltr</p>		

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<p>Clean Up Clean all tools and equipment with warm soapy water. If paint is dry, use paint remover or brush cleaner. Any rags soaked in E-B must be dipped in water before disposing with household waste Store and maintain equipment as directed by manufacturer Keep container closed when not in use. Store in a cool place. If can is less than 2/3rds full, transfer leftover E-B to a smaller, closed metal or glass container to prevent gelling</p> <p>Directions for use:</p> <p>SURFACE PREPARATION Prepare surface as per instructions on the paint can Remove all loose and flaking material Treat any organic growth with fungicidal solution or a mix of 1 part water to 1 part bleach, rinse thoroughly and allow to dry</p> <p>APPLICATION</p> <p>Chalky, Powdery or Porous Surfaces Stir paint thoroughly and pour into a paint scuttle or large container Slowly add E-B to the paint stirring all the time Apply the E-B and paint mix as normal Allow to dry as per instructions on the paint can Apply finish coat without E-B as soon as first is dry</p> <p>Note E-B will flatten the first coat of paint</p> <p>Mixing Instructions Normal chalked surfaces: Add 1part E-B to 4 parts of paint Medium chalked surfaces: Add 1part E-B to 3 parts of paint Heavily chalked surfaces: Add 1parts E-B to 2 parts of paint Porous surfaces: Add 1 part E-B to 2 parts of paint Very porous surfaces: Add 1 part E-B to 1 part of paint</p> <p>The above is meant as a guide only. Conditions of application, texture of surface etc. will dictate the amount of E-B to be mixed into the paint</p> <p>Surfaces Needing Reconditioning These surfaces generally consist of punky asbestos, old worn-out cement, or excessively chalked coatings</p> <p>Directions Make a surface conditioner as follows: Mix 3 parts E-B to 1 part paint, add 25% - 50% by volume of water to the mixture, to restore paint consistency To be certain of adhesion, apply a small amount of the mixture to an area typical of the entire surface and leave for 48 hours After 48 hours, press masking tape to this area and pull off. If no more than pinhead spots of the mixture stick to the tape, you can depend on the adhesion. If this test fails, the old coating should be removed down to a sound surface Apply the surface conditioner and allow to dry Apply finish coat without E-B as soon as the first is dry E-B surface conditioner dries to a flat finish to which emulsion paints bond securely.</p>		

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<p>The E-B Solid Hiding Stain System This system waterproofs and provides a colour coat of paint in one application. It is designed for repainting previously painted or stained exterior wood, plywood and hardboard. The mixture consists of equal amounts of exterior water based paint and E-B</p> <p>Directions Stir exterior water based paint well and pour into a paint scuttle or larger container Slowly add an equal amount of E-B stirring all the time Stir this mixture until all of the E-B disappears into the paint Apply one full coat by brush, roller or spray If desired appearance is not achieved in one coat, apply a second coat WITHOUT E-B as soon as the first is dry</p> <p>Good Application Practice Cover everything you do not wish to paint</p> <p>Health and Safety Material Safety Data Sheets for this and all other Owatrol/Flood products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children and animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.</p> <p>Availability E-B is available through quality paint stores</p> <p>For further information please contact the address below</p>		

<p>Printed January 08</p>	<p>EMULSA-BOND (E-B) Mix-in Bonding Primer Frequently Asked Questions</p>	
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What is E-B?

E-B is a high penetrating, modified oil, specially designed to mix with any water-based paint and negate the need for the application of a separate stabilising solution

How does E-B promote adhesion?

As the paint begins to dry, the E-B separates from the paint and soaks or “bonds” into the porous, chalky surface. This provides an oil primer/stabiliser and first coat of paint in one application.

Can paint mixed with E-B, be sprayed?

Yes, it will help the paint flow better. However, you may have to add a bit of water (1-2 tablespoons/Ltr) if mixture is too thick.

Can E-B be used in oil and alkyd paints?

It is formulated for use with water-based paints so we do not recommend it. However, if it is accidentally mixed in and stays in the paint, it is not likely to have an adverse affect.

What paints can I mix E-B with?

E-B can be mixed with any water-based paint, such as masonry, vinyl emulsions, acrylics and contract emulsions

What surfaces can E-B be used on?

E-B can be used on any surface that is porous or chalky/powdery i.e. chalky paintwork (oil or emulsion); distemper; masonry, dry lining; old render, bricks; new plaster

Does E-B have a strong odour?

E-B is virtually odourless and when added to any water-based paint is undetectable. This makes it ideal for interior use and confined areas such as cellars.

Can E-B be used on interior walls/ceilings for better adhesion?

E-B needs chalky, dusty or porous surfaces that are not usually found on interior walls. However, some older homes do have walls/ceilings that are coated with distemper or whitewash in these cases E-B is ideal. It negates the need for laborious washing down and cleaning, saving time and labour. Simply scraping over the surface to remove any loose or friable material prior to apply the first coat of E-B+Paint is all that is required.

What are the results of E-B applied to a glossy surface?


E-B will help the paint adhere, but without a porous surface, the E-B can migrate to the surface and cause glossy areas or shiners.

Will E-B help with adhesion on an extremely chalky surface?

For excessive chalkiness, make a surface conditioner with E-B as follows: 3Ltrs E-B to 1Ltr of paint. Add ½ to 1Ltr of water if required to restore the paints consistency. To test: apply small amount to substrate, dry for 48 hours, press on piece of masking tape. If no more than pinhead spots of paint pull off, proceed with coating.

How Much E-B should I add to the paint?

The amount of E-B added is very much dependant on the condition of the surface to be coated. For the majority of chalky surfaces 1ltr of E-B to 4Ltrs of paint will be sufficient, you can however mix it as strong as 1Ltr E-B to 2Ltrs of paint and for very porous surfaces you can mix 1Ltr E-B to 1Ltr paint

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<p>Does E-B affect the paint in anyway? E-B has a high solids content so when added to the paint, it fortifies it, maintaining its quality and inherent characteristics and actually makes more paint. E-B will flatten the first coat of paint, this flattening is beneficial as it maximises adhesion between the first coat of paint+E-B and the finish coat. E-B does not affect the colour or drying times of the paint it is added to.</p> <p>When I added E-B to the paint it curdled. What did I do wrong? Curdling indicates that the E-B was added to the paint too quickly and thus 'shocked' it. The paint is easily restored to its original consistency by continuing to stir in the E-B, if this proves difficult adding a little water and stirring at the same time will make it easier</p> <p>Do I need to remove algae and mildew before painting? As with painting any surface it is important to ensure that it is clean, therefore any organic growth such as algae and mildew should be treated with a 50/50 bleach/water solution or the appropriate fungicide</p> <p>Does E-B affect the paints drying time? No. The paint dries and is recoatable within the times specified by the paint manufacturer</p> <p>I have some E-B/Paint mix left over can I use it for the finish coat? There is nothing to stop you doing this, but it must be remembered that it will give a flat finish. In order to prevent/reduce this, we recommend adding more paint to the mix so that the effect of the E-B on the finish coat is diluted</p>		