



**UNIVERSAL BONDING LIQUID** PRODUCT CODE: BON00  
TECHNICAL DATA SHEET  
JULY 2019 REVISION 4

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**PRODUCT DESCRIPTION**

Universal Bonding Liquid is a classical solution polymer-based penetrating, bonding and stabilising liquid.

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**PRODUCT FEATURES AND BENEFITS**

For interior and exterior on powdery, friable and very porous new and weathered substrates. Suitable for cement plaster, concrete, fibre cement, & gypsum plaster. Weathered substrates such as lime wash and chalked paint.

Good penetrating and binding properties

Excellent adhesion

Good alkali resistance properties

Easy to apply with brush or roller

Can be overcoated with a wide range of Universal Water and Solvent Based Products

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**PRODUCT INFORMATION**

<b>Colour</b>	Clear
<b>Surface Appearance</b>	Slightly Glossy
<b>Resin Base</b>	Solution Polymer
<b>Solids Content</b>	By volume: Approx. 15%
<b>VOC Content</b>	Very High VOC content more than 50%
<b>Spreading Rate</b>	Theoretical Spreading Rate: 8,6m <sup>2</sup> /litre @ 17,5 µm DFT Practical Spreading Rate: 4,1m <sup>2</sup> /litre @ 17,5 µm DFT
<b>Recommend WFT &amp; DFT</b>	100 – 133 µm WFT depending on the surface porosity, profile and application method  15 – 20 µm DFT depending on the surface porosity, profile and application Method
<b>Pack Sizes</b>	Available in 1ℓ, 5ℓ & 20ℓ.



## APPLICATION INFORMATION

<b>Application Conditions</b>	Surface Temperatures at 23°C Relative Humidity 50%
<b>Recoating Time</b>	Allow 24 hours to dry before over coating and must be coated within 72 hours
<b>Application Methods</b>	Brush or short hair roller
<b>Thinner</b>	To be thinned 10% for best penetration results – depending on the porosity of substrate
<b>Cleaning of equipment</b>	Mineral Turpentine

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## SURFACE PREPARATION

### NEW SURFACES

The substrates must be clean, dry and sound and free of laitance

Apply 1 coat of Universal Bonding Liquid (Allowing 24 hours to dry however it must be overcoated within 72 hours)

Apply 2 coats of any Universal water based or solvent based top coats

### PREVIOUSLY COATED SURFACES

The substrates must be clean, dry and sound

Remove all loose, flaking and bubbling paint

Remove all dust, foreign material, fungal and algae growth

For Lime Wash coated walls – remove lime as far as possible with scraper blades and or soft wire or bristle brushes but be careful not to damage the plaster. Clean the substrate to get rid of contaminants using a sugar soap and allow substrate to dry

Repair cracks with the appropriate crack's interior and exterior fillers

Spot prime using Universal Bonding Liquid (allowing 24 hours to dry however it must overcoated with 72 hours) on all bare and repair areas

Apply 2 coats of any Universal water based or solvent based top coats

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## PRECAUTIONS

For detailed safety information please refer to Material Safety Data Sheet

Keep out of reach of children, flames and sparks

This product contains very high levels of VOC

Only use in well ventilated areas and do not eat, drink or smoke whilst using this product

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## DISCLAIMER

Universal Paints cannot be held liable if the product fails due to improper surface preparation or application