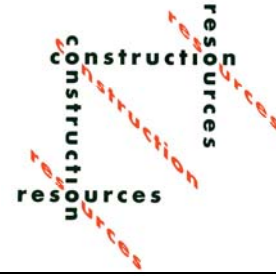


Construction Resources



HOLZWEG TECHNICAL SHEET H6

COLOURWASH BINDER (WALL VARNISH)

- Uses** *Holzweg Colourwash Binder* is a water-based binder which, when mixed with earth and mineral pigments, creates various colourwash effects, such as 'Lazuur' on all internal walls and ceilings. It can also be used without pigment as a clear 'wall varnish' over existing paint effects and emulsion/casein paints to increase washability and general surface protection. Being a cellulose and carnauba based binder the product can also be used to impart a degree of *wipability* to some porous internal finishes e.g. clay plasters.
- Properties** The binder is in concentrated form to be diluted with water. It acts as a 'glue' binding coloured pigment to various internal surfaces while providing a washable and protective surface. The binder is fully transparent adding no colour of its own allowing the full colour of the pigment to be seen. It is based on natural waxes, cellulose and resins.
- Colour** None, as a wash it takes on whatever pigment colour it is mixed with.
- Containers** Samples available in 0.125 ml. 0.75 and 2.5 litre tins.
- Coverage** Depends upon how much it has been diluted, how 'thick' it is applied and the absorbency of the surface. Between 20 and 45 m² per litre of undiluted product
- Preparation** All surfaces should be clean, dry grease and dust free. In the production of the 'Lazuur' colourwash effect it is best applied to a white and absorbent background. Therefore it is best to use either *Holzweg Natural Resin Emulsion* or *Aquamarijn Maril Emulsion*, though *Holzweg Casein Wallpaint* produces the best results. In all cases it is best to leave the new paint at least 8 hours to fully dry before coating with wash. Washes are not suitable on gloss or varnished finishes.
For a colourwash: Add the required amount of binder to a suitable container and add water to a ratio of 1 part binder to 4 or 5 parts water. Stir the mixture well. Pour off a small amount in to jar with a lid and add the required amount of pigment. Shake well to ensure all the pigment is in solution and then pour the pigmented mixture back into the binder/water solution, stir in well. The 'Lazuur' wash is now ready to use.
Use with gold pigment: When using the Gold pigments to create the effect at the back of the casein colour chart (No. 255x), the gold pigment should first be mixed with undiluted Colourwash Binder before adding the water and then mix to a ratio of two parts water to one part *Colourwash Binder* before applying to the wall.
- Application** For a colourwash: As the glaze has no colour of its own, the colourwash mix will take on the same intensity of the pure pigment. Therefore mix in the pigment slowly and check after each addition of extra pigment that it is not too strong. Each subsequent coat can be of the same colour or can include colours that compliment each other. Generally when applying washes the best effects are achieved with thinner colours but with more coats. By applying slightly different colours over each other a much more interesting result can be achieved, however experiment with different intensities and colours to discover what works best for you.
Apply to the surface using a broad brush such as one of the *Quega colourash brushes* in broad and random figure of eight strokes, and work quickly to keep the edges of the applied wash wet. Before starting any painting especially involving colour it is best to experiment on a piece of card or discarded wallpaper first. To improve the washability of the finished surface it is advisable to cover your finished work with a coat of untinted wash to act as a protective wall varnish.

Using Holzweg Colourwash Binder as a 'wall varnish'.

Wall varnishes are traditionally used to cover and protect walls that have had special paint effects applied to them. They are transparent so do not alter the visual aspect of the colour work. Untinted and used in a stronger **1:3 ratio** (1 part binder to 3 parts water) the clear binder makes the surface more washable and is especially suited to improving the washability of the *Holzweg Casein Wallpaint*. Mix in the binder with the appropriate amount of water and apply two coats with a brush.

Using Holzweg Colourwash Binder as a 'stabilising solution'.

At a 1:3 ratio the product is an excellent stabiliser for clay, lime and other porous plasters. The plaster should be dry and brushed free of any loose material. The mixture should then be brushed or sprayed on to give a generous even coat taking care to avoid **runs** as these will mark the dried plaster. It should be noted that this process will only stabilise sound surfaces and will not work on incorrectly finished, loose or badly dusting plaster. As a stabilising solution this product could slightly *richen* any colour the plaster might have, so testing on a small inconspicuous area is advised. Increasing the dilution level (upto 1:6) will reduce any discolouration and make spraying easier in some low-pressure sprayers. But the additional water will proportionately reduce stabilising qualities of the solution, to the point where a second coat may be required.

- Drying times** Depending on the room temperature and dampness, also the amount of water added to the binder and the absorption rate of the surface, each layer is overcoatable after two to three hours. Ventilation will aid drying times.
- Storage** Keep tightly sealed, cool but frost free. Water diluted binder should be used within a few days.
- Safety** The product is non-flammable. Although the ingredients are biodegradable, any left overs can further diluted and flushed down the toilet.
- Risk class** Non inflammable, keep out of reach of children.
- Ingredients** Cellulose, alcoholester, kieselgur, silica, carnauba wax, clay, water, less than 0.1% chemical preservative which acts as a fungicide.

This technical information sheet is intended to provide guidelines for retailers and users. However, the user is responsible for testing the product on the intended surface to make sure that it is suitable for his or her requirements. This sheet was issued on 18 November 2005 and may be superseded by later editions.

© CONSTRUCTION RESOURCES 2001
16 Great Guildford Street, SE1 0HS
Tel: 020 7450 2211. Fax: 020 7450 2212.
Email info@ecoconstruct.com
www.ecoconstruct.com