



Water Resistant Wood Adhesive

Code 713 (1 litre)

Code 714 (5 litre)

Code 715 (25 litre)

DESCRIPTION & BENEFITS

Biokil Crown Water Resistant Wood Adhesive is designed as a one-pack, ready for use, water resistant wood adhesive to meet the requirements of category D3/3 and D3/4 of EN204 and in addition it gives a fast rate of bond strength development. Category D3 of EN204 covers the use of wood adhesives in applications where joints may be subjected to short term water contact or exposure to high humidity, for example as in kitchen work surfaces, window frames, doors and stairs.

In addition, **Biokil Crown Water Resistant Wood Adhesive** meets the resistance to sustained load (creep test) requirements of BS 4071 "Polyvinyl Acetate (PVA) Emulsion Adhesives for Wood".

GENERAL INFORMATION

Biokil Crown Water Resistant Wood Adhesive is a modified, polyvinyl alcohol stabilised, vinyl acetate homopolymer dispersion containing coalescing solvent.

Biokil Crown Water Resistant Wood Adhesive is a cost effective, water resistant wood adhesive which conforms to the requirements of category D3 of EN204.

APPLICATION

Surfaces to be bonded should be clean, dry and free from grease. **Biokil Crown Water Resistant Wood Adhesive** should be applied thinly to both surfaces. They should then be clamped together until the adhesive dries.

All joints should be a good fit.

When fitting dowels the adhesive should be applied to the hole.

Suitable for radio frequency curing.

SPECIFICATION

Total Solids (%) 45.0 - 47.0

Viscosity @ 23oC

Brookfield RVT 5/20

Poise 80 - 150

mPa.s 8000 - 15000

pH 2.5 - 3.5

OTHER TYPICAL PROPERTIES

Film Appearance Hard, translucent

Specific Gravity >1.02

Minimum Film Forming

Temperature (oC) 5

STORAGE

To ensure safe storage of **Biokil Crown Water Resistant Wood Adhesive**, containers should be well sealed to prevent evaporation of water and the formation of skin on the surface. The emulsion must be stored at a temperature above freezing. A temperature of 5-25oC for not more than six months is recommended. Higher temperatures will affect quality and cause the formation of crusts and skins, especially if the containers are not tightly closed or subjected to direct sunlight for long periods. If these conditions cannot be met, please refer to our Technical Service Department who will advise on storage stability.

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TECHNICAL DATA



SHELF LIFE

At least six months in unopened containers

It should be noted that on extended storage, **Biokil Crown Water Resistant Wood Adhesive** may tend to structure, especially in cold conditions. This effect is generally reversible on slight stirring. In addition there may be some increase in viscosity but this will not detract from the applicational properties or performance.

Health & Safety

Please refer to the Material Safety Data Sheet for safety and environmental information.

Biokil Crown Water Resistant Wood Adhesive is not classified as dangerous according to EU Directive 88/379/EC and does not require any special labelling.

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