

BUTINOX 3

Water-borne opaque stain



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Butinox 3 is an opaque water-borne wood stain for use outdoors. It is based on a recently developed alkyd modified acrylic technology, which provides the product with excellent weather resistance and high durability. A primer prior to treatment with Butinox 3 is recommended for enhanced performance.

PHYSICAL DATA:

Type.....	Opaque wood stain based on alkyd modified acrylics for new primed, pressure impregnated wood or previously treated with stain or opaque stain.
Colour.....	White and bases A, B, C and Oxide red for tinting on Jotun Multicolor tinting system
Gloss.....	28 - 35
Viscosity.....	110 - 135 K.U.
Specific gravity.....	1.25 (White)
Solids by volume %.....	Approx. 37
Flash point, degrees centigrade.....	
Flexibility.....	
Hiding power (ISO 3905).....	
Water vapour permeability (ASTM D 1653).....	
Adhesion.....	
Adhesion (ISO 4624), dry.....	
Adhesion (ISO 4624), wet.....	
Adhesion (ISO 4624), after drying.....	
Particle size.....	
pH value.....	
pH value ready-mixed solution.....	
Weather resistance.....	
Gloss retention.....	
Water resistance.....	
Chemical resistance.....	
Solvent resistance.....	
Abrasion resistance.....	

RECOMMENDATION FOR USE:

Film thickness, dry.....	
Film thickness, wet.....	
Recommended spreading rate.....	6 - 10 m ² /litre
Recommended spreading rate, sawn wood.....	
Recommended spreading rate, planed wood.....	
Application methods.....	Stain brush, roller + brush or airless spray + brush
Guiding data for airless spray:	
Nozzle.....	0.018"
Spray angle.....	65 - 80 degrees
Pressure at nozzle.....	Minimum 150 kg/cm ²

Drying times, (guiding data at 23 deg. C, 50% R.H.):

Dust dry.....	Approx. 1 hour
Dry to touch.....	hours
Interval between coats.....	Approx. 6 hours
Dry to use.....	Approx. 12 hours
	Deviations at changes in temperature, air humidity, wind and film thickness.
Reaction time.....	hours
Thinner/cleaning agent.....	Water / Soap and luke warm water
Mixing ratio.....	
Pot-life.....	hours
Conditions during application.....	
Substrate.....	
Drying time before sanding.....	hours
Launching.....	

SAFETY DATA:

EU limits for the product (cat. A/e): 130 g/l (2010). The product contains max 75 g/l VOC. A Material Safety Data Sheet has been issued for this product.

FLAMMABILITY CLASSIFICATION:

Norway.....	
Sweden.....	
Denmark.....	

MISCELLANEOUS:

Tinting.....	
Size of containers.....	1, 3 and 10 litres
Remarks.....	Contents of tins with different batch numbers must be mixed to avoid possible colour differences. During application and drying temperature of substrate and air must be above + 5° C. Do not paint if risk of condensation or rain. Previous treatment with products containing tar or mineral oils may cause discolouration of new topcoat, especially on light colours. Frost-free freight and storage.

DIRECTIONS FOR USE:

PREPARATIONS:

Substrates must be clean and dry before treatment. New timber should be primed with Butinox Primer before, or immediately after assembly. New cladding that has been exposed more than 3 weeks should be brushed clean. Old worn stain and loose wood fibres must be removed thoroughly down to bare wood by scraping/ wire brushing. Contaminated substrates must be cleaned with a suitable water based detergent. Rinse well with fresh water, and leave to dry. It is essential to treat all end grain well with primer, 3 - 4 coats, wet-on-wet.

Butinox 3 is also suited for light metal and galvanized metal like rain gutters, drain spouts, window sills, etc. New galvanized substrates must be degreased and suitably primed. Rust spots on bare iron must be brushed and suitably primed. Exotic oily and acidic woods must be cleaned thoroughly with either cellulose thinners or methylated spirit (not white spirit) to remove the excess oil from the wood surface. Use a lint free cloth. Several applications may be necessary. Allow to dry before painting. A test area should be applied to ensure no adhesion or drying problems are encountered.

DIRECTIONS FOR USE:

Butinox 3 is ready for use and does not need thinning. Stir well before painting. Primed surfaces to be given 2 finishing coats Butinox 3. Previously stained surfaces in good condition need 1 - 2 topcoats, depending on

colour. Butinox 3 should be ideally applied with a brush along the full length of the boards, 2 - 3 boards at a time, to avoid discolouration. If the product is applied by roller or airless spray, a smoothening out with a brush is recommended for best possible result.

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

Paint should be looked upon as a semi-manufacture. The result is dependent on construction, the condition of the substrate, pre-treatment, temperature, relative air humidity, application etc.
