

# BUTINOX 2

## Opaque stain



G020252 01.2009

Butinox 2 is an opaque solvent borne wood stain for use outdoors, with a consistency that leaves a nice softened impression of the grain of the timber. It is easy to apply and forms a flexible film, which provides excellent weather resistance.

### PHYSICAL DATA:

Type.....	Opaque oil wood stain for new primed timber, even pressure impregnated, or previously treated with stain or opaque stain.
Colour.....	White and bases A, B, C, ochre, yellow, oxide red and bright red for tinting on Jotun Multicolor tinting system
Gloss.....	60
Viscosity.....	12.000 - 14.000 cP (Brookf. 5-5)
Specific gravity.....	1,08 (White)
Solids by volume %.....	Approx. 52
Flash point, degrees centigrade.....	> 61
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.....	
Recommended spreading rate, sawn wood	5 - 8 m <sup>2</sup> /ltr
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Recommended spreading rate, planed wood	10 - 12 m <sup>2</sup> /ltr
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Application methods.....	Stain brush, roller + brush or airless spray + brush
<b>Guiding data for airless spray:</b>	
Nozzle.....	0.015" - 0.018"
Spray angle.....	65 -80 degrees
Pressure at nozzle.....	150 - 180 kg/cm <sup>2</sup>

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

Dust dry.....	Approx. 8 hours
Dry to touch.....	hours
Interval between coats.....	Minimum 24 hours
Dry to use.....	Deviations at changes in temperature, air humidity, wind and film thickness.
Reaction time.....	hours
Thinner/cleaning agent.....	White spirit / White spirit + 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): 400 g/l (2010). The product contains max 400 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. Previous treatment with products containing mineral oils or tar may cause discolouration of topcoats. Bases must not be used unless tinted on tinting machine.

## DIRECTIONS FOR USE:

### PREPARATIONS:

Substrate must be clean and dry before treatment. New timber should be primed before or immediately after assembly. New cladding that has been exposed more than 3 weeks should be brushed using a stiff brush. 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 soluble detergent. Rinse well with fresh water and leave to dry. Prior to priming, a fungicide should be applied. It is essential to treat all end grain well, 3 - 4 coats, wet-on-wet. Oil and acid rich exotic hardwoods must be first cleaned using a suitable solvent to remove the excess oils. After cleaning it is recommended to make a test application of the paint system.

### DIRECTIONS FOR USE:

Butinox 2 is ready for use and does not need thinning. Stir well before painting. Primed surfaces to be given 2 finishing coats with Butinox 2. Previously stained surfaces in good condition need 1 - 2 coats, depending on colour. Butinox 2 should be applied with a stain brush along the full length of the boards, 2 - 3 at a time, to avoid discolouration in overlaps. If the product is applied by roller or airless spray, a smoothening out with brush is normally necessary for a best possible result.

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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.

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