

# BUTINOX 1

## Translucent stain



G020251 01.2009

Butinox 1 is a translucent solvent borne wood stain for use outdoors. It enhances the natural beauty of the wood, and contains oils that helps reduce the wood cracking. The product has good penetration properties, excellent moisture control and outstanding wear resistance.

### PHYSICAL DATA:

Type.....	Translucent oil wood stain for new primed, pressure impregnated, or previously stained timber.
Colour.....	Bases C, Yellow and transparent Red for tinting on Jotun Multicolor tinting system.
Gloss.....	65
Viscosity.....	70 KU; 4-7000 cP (Brookf. 5-5)
Specific gravity.....	0,92
Solids by volume %.....	Approx. 52
Flash point, degrees centigrade.....	> 61° C
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.....	Brush, roller + brush or airless spray + brush
<b>Guiding data for airless spray:</b>	
Nozzle.....	0.015"
Spray angle.....	65 - 80 degrees
Pressure at nozzle.....	Minimum 150 kg/cm <sup>2</sup>
<b>Drying times, (guiding data at 23 deg. C, 50% R.H.):</b>	
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.....	

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### 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.

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### FLAMMABILITY CLASSIFICATION:

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

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### MISCELLANEOUS:

Tinting.....	
Size of containers.....	1, 3 and 10 litres tins
Remarks.....	Contents of tins with different batch numbers must be mixed to avoid possible colour differences. Direct sunlight on half dry surfaces may cause blistering. Dampness on half dry surfaces may cause spots. Previous treatments with products containing mineral oils or tar may cause discolouration of topcoats, especially on light colours. Bases must not be used unless tinted on tinting machine. Butinox 1 may be applied at temperatures below 0° Centigrade, provided surface is free of ice/rime.

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### DIRECTIONS FOR USE:

#### PREPARATIONS:

Surfaces 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 fungicidal should be applied. It is essential to treat all end grain well with primer, 3 - 4 coats wet-on-wet. Exotic oily and acidic hard 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 1 is ready for use and does not need thinning. Primed sawn timber to be given 1 - 2 coats Butinox 1, however planed timber needs minimum 2 coats. On previously stained surfaces in good condition, 1 - 2 coats will normally suffice, depending on colour. The stain should be applied along the full length of the boards, 2 - 3 boards at a time, to avoid discolouration in overlaps. If the product is applied by roller or airless spray, a smoothing out with a brush is normally necessary for 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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