

## BUTINOX Futura Maling

### Product description

#### Type

Alkyd-modified acrylic paint for exterior woodwork.

#### Features and benefits

**BUTINOX Futura Maling** is a high quality paint with very good weather resistance. It provides extremely durable protection and an extra long maintenance interval.

12 year written warranty on colour and gloss.

#### Recommended use

To be used in combination with **BUTINOX Futura Grunning**, as part of a system treatment. Recommended used on new primed, primed impregnated or previously stained or painted exterior woodwork. Also suitable as a topcoat for previously primed gutters, fascia's made of plastic and metal commonly use on buildings. Bare metal to be first primed with **QUICK Bengalack Grunning**.

### Product data

<b>Packaging size</b>	3 and 10 liter.
<b>Base availability</b>	White, A-, B-, C-, oxide red-, ochre- and yellow base.
<b>Tinting</b>	Bases should be tinted before use.
<b>Gloss level</b>	25-35
<b>Solids by volume</b>	40 ± 2 volume% (White)
<b>Specific gravity</b>	1 -3 (White)
<b>VOC for Ready-for-Use Mixture</b>	EU limit value for the product (cat. A/d): 130 g/l. The product contains max 75 g/l VOC.

### Application data

#### Remarks

Stir well before use. Contents of tins with different production numbers should be mixed. Do not paint if there is a risk of condensation or rain and wait until the film is dry. Avoid application in direct sunshine. Previous tar/mineral oil treatment and knots may cause discolouration/blistering of the topcoat. Surfaces previously treated with linseed oil or stains containing linseed oil may cause blistering when further opaque stain/paint coatings are applied. Coating on fire protected cladding may cause salt precipitation/flaking.

#### Application equipment / methods

Brush, roller or spray. If applied by roller or spray, the surface must be brushed out immediately. The product is easy to apply, so it is important that it is applied richly, to achieve proper film thickness.

#### Guiding data for airless spray

<b>Nozzle tip</b>	0.018"
<b>Spray angle degrees</b>	65-80°
<b>Pressure at nozzle</b>	Min. 15 MPa (Min. 150 kg/cm <sup>2</sup> )

#### Cleaning of painting tools

Cleaning with soap and water.

### Spreading rate and film thickness

	Spreading rate per coat (m <sup>2</sup> /liter)	Film thickness per coat (µm)	
		Wet (calculated)	Dry (calculated)
<b>Recommended:</b>	6 - 10	100 - 167	40 - 67
<b>Comments:</b>	Depending on the substrate.		

### Thinner

Shall not be thinned.

### Conditions during application

Temperature of air and substrate must be above +5 °C during painting and drying.

### Drying times

The drying time is affected by temperature, air humidity and film thickness. Low temperature and high humidity prolongs the time before recoating.

#### The drying time is measured by stated values:

<b>Relative Humidity (RH)</b>	50 %
<b>Air temperature</b>	23 °C
<b>Substrate temperature</b>	23 °C

<b>Recoatable, minimum</b>	Min. 4 hours
<b>Dry to use / careful use</b>	Ca 12 hours

## Directions for use

The substrate must be clean and dry.

Substrate	Treatment
New woodwork:	Treat new woodwork before or immediately after installation. Smooth sharp edges using emery/sand paper. Apply <b>BUTINOX Futura Grunning</b> or <b>BUTINOX Oljegrunning</b> . Saturate all end grains/cut surfaces thoroughly. Apply 2 rich coats <b>BUTINOX Futura Maling</b> . Apply 3 coats to horizontal cladding to ensure enough paint on the planed part, min. 100 µm dry film thickness. Apply the product to 2-3 boards in the full length of the board at a time to reduce the risk of an uneven colour.

Cladding which has been untreated longer than 3–4 weeks:	Should be brushed with a wire brush. Smooth sharp edges using emery/sand paper. Remove loose wood fibers. Dirty surfaces are cleaned with <b>BUTINOX Husvask</b> . Disinfect with <b>BUTINOX Sopp- og Algedreper</b> . Apply <b>BUTINOX Futura Grunning</b> or <b>BUTINOX Oljegrunning</b> . Saturate all end grains/cut surfaces thoroughly. Apply 2 rich coats <b>BUTINOX Futura Maling</b> . Apply 3 coats to horizontal cladding to ensure enough paint on the planed part, min. 100 µm dry film thickness. Apply the product to 2-3 boards in the full length of the board at a time to reduce the risk of an uneven colour.
Old weathered stain, opaque stain or paint:	Scraped or sanded. Smooth sharp edges using emery/sand paper. Remove loose wood fibers. Dirty surfaces are cleaned with <b>BUTINOX Husvask</b> . Disinfect with <b>BUTINOX Sopp- og Algedreper</b> . Apply <b>BUTINOX Futura Grunning</b> or <b>BUTINOX Oljegrunning</b> . Saturate all end grains/cut surfaces thoroughly. Apply 2 rich coats <b>BUTINOX Futura Maling</b> . Apply 3 coats to horizontal cladding to ensure enough paint on the planed part, min. 100 µm dry film thickness. Apply the product to 2-3 boards in the full length of the board at a time to reduce the risk of an uneven colour.
Previously treated and intact surfaces:	Wash with <b>BUTINOX Kraftvask</b> . Disinfect with <b>BUTINOX Sopp- og Algedreper</b> . Apply 2 rich coats <b>BUTINOX Futura Maling</b> . Apply the product to 2-3 boards in the full length of the board at a time to reduce the risk of an uneven colour.
Galvanised steel and aluminium:	Wash with <b>BUTINOX Kraftvask</b> diluted 1:5 with water and rinse well, or give apply a coat of wash primer. Older plates must be washed with <b>BUTINOX Kraftvask</b> and rinsed well. Apply 2 rich coats <b>BUTINOX Futura Maling</b> .
Corrugated sheet metal, iron and steel:	Wash with <b>BUTINOX Kraftvask</b> . Rinse thoroughly. Remove loose paint and any rust. Then treat with a coat of anti-corrosive primer ( <b>QUICK Bengalack Grunning</b> ). Apply 2 rich coats <b>BUTINOX Futura Maling</b> .

## Storage

In storage and in transport keep the container frost free and upright.

## Disposal of waste

Remove as much paint as possible from brushes / tools before cleaning with water. Liquid paint must not be emptied into drains or watercourses. It must be delivered to an approved local environmental protection station.



Must be empty and dry

## Environmental labelling



The product is recognized by Miljømerking Norge, and conforms with the demands of the environmental label Svanen (the swan).

## Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

**First-aid measures**, refer to section 4.

**Handling and storage**, refer to section 7.

**Transport information**, refer to section 14.

**Regulatory information**, refer to section 15.

## Miscellaneous

### NOBB number

This document covers the following NOBB numbers:

42543234, 42543245, 48959173, 42543253, 42543264, 42543272, 42543283, 42543298, 42543302, 42543317, 42543321, 42543336, 42543340, 42543355, 42543366, 54129774, 54129785

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### Disclaimer

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Users should always consult Scanox for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the Norwegian (Norway) version will prevail.