

## BUTINOX Futura 16

### Product description

#### Type

Water-based acrylic paint.

#### Features and benefits

New generation technology provides paint with a 16-year guarantee of color and gloss. The paint forms a hydrophilic surface. This provides self-cleaning paint film and thus long-lasting freshly painted and clean appearance, as well as effective protection against fungi and algae. Smart Flow Technology gives the paint a creamy consistency that gives a lot of paint in the brush, while it is easy to apply. The painting job becomes easier and faster, with less drips and spills.

#### 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. Prime the metal with **QUICK Bengalack Grunning**.

### Product data

<b>Packaging size</b>	3 L (base 2.7 L) and 10 L (base 9 L).
<b>Base availability</b>	White, A-, B-, C-, Oxide red-, Ochre- and Yellow base.
<b>Tinting</b>	Bases must be tinted using <b>Butinox Colour Manager</b> .
<b>Colors</b>	White base may be used untinted as White.
<b>Gloss level</b>	25
<b>Gloss level</b>	A unique acrylic paint, with hydrophilic self-cleaning surface and Smart Flow Technology.
<b>Generic type</b>	Acrylic paint.
<b>Solids by volume</b>	38 ± 2 volume%
<b>Specific gravity</b>	1.06 - 1.26
<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

To ensure long durability it is important to apply a sufficient amount of paint on edges and planed surfaces, min. 3 coats (100 µm dry paint film). Sand down sharp edges. Saturate all end grains/cut surfaces thoroughly, apply 3-4 coats wet-on-wet. Perform a test application. Can not be mixed with other paint products and do not mix in oil additives. Stir well before use.

Previous tar/mineral oil treatment and knots may cause discolouration/blistering of the topcoat. Linseed oil / oils in the substrate can cause blisters and flaking. Sun on semi-dry treatment may cause skin drying and sun blisters. Painting on fire protected cladding may cause salt precipitation/flaking.

Content of cans from different productions and different tinting systems may cause shade differences. Measures one can take to avoid colour differences:

- Mix different production numbers together. Stir well. The production number can be found after the letters SZ or SV on the label in the front of the can.
- It is advantageous to use the same batch number within the same defined area. Changing the can in the middle of the wall or confined area, increases the possibility of a visible colour difference.
- There may be colour differences of paint which are mixed on different tinting machines and / or at different times. Please be aware of this if you need to buy more paint / opaque stain / stain for the same project at a later time.
- If you notice any visible differences, contact your point of sale or Scanox Technical Service, telephone (+47) 32 24 43 00.

### Application equipment / methods

Brush, roller or spray. If applied by roller or spray, the surface must be brushed out immediately. Use paint tools from the Jordan Ultimate series to achieve best results result.

### Guiding data for airless spray

<b>Nozzle tip</b>	0.017–0.023"
<b>Spray angle degrees</b>	40–50°
<b>Pressure at nozzle</b>	15–18 MPa (150–180 kg/cm <sup>2</sup> )

### 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, sawn wood:</b>	5 – 8	125 – 200	48 – 76
<b>Recommended, planed wood:</b>	10 – 12	83 – 100	32 – 38

### Thinner

The product is ready to use and should not be thinned.

### Conditions during application

Air and surface temperature must be above +5 °C during application.

Not to be used in direct sunshine.

Do not paint if there is a risk of condensation or rain and wait until the film is dry.

- High humidity (RH%) significantly prolongs the drying time for waterborne products.
- Warm air can hold more moisture than cold air, and in case of temperature drop this can cause condensation.
- Stagnant air retards the drying, and can provide greater risk of condensation.
- Low temperature and condensation can provide inadequate film formation / curing.

Where condensation is possible, one should therefore finish the painting job well in advance.

The product contains effective agents against surface mould. In unfavorable drying and curing conditions, these can form a visible yellow compound in the surface. This is a surface phenomenon that will disappear after some time under the influence of light and UV rays. The phenomenon will not affect the product's effectiveness against surface fungi or otherwise impair the product's quality and durability.

### Cleaning of painting tools

Water and brush cleaner.

## Drying times

Drying times deviate because of changes in temperature, air humidity, wind, absorption and film thickness.

The drying time is measured by stated values:

<b>Relative Humidity (RH)</b>	50 %	50 %	50 %
<b>Air temperature</b>	5 °C	15 °C	23 °C
<b>Substrate temperature</b>	5 °C	15 °C	23 °C

<b>Dust dry</b>	1.5 h	1 h	0.5 h
<b>Recoatable, minimum</b>	10 h	3 h	2 h

## Directions for use

The substrate must be clean, sound 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> . Saturate all end grains/cut surfaces thoroughly, apply 3-4 coats wet-on-wet. Apply 2 rich coats <b>BUTINOX Futura 16</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.
New exposed wood. Cladding which has been untreated longer than 4 weeks:	Clean with <b>BUTINOX Husvask og Kraftvask</b> (diluted with water 1:20). Brush with a wire brush, scrape or grind with suitable tool. Smooth sharp edges using emery/sand paper. Remove loose wood fibers. Disinfect with <b>BUTINOX Sopp- og Algefjerner</b> . Apply <b>BUTINOX Futura Grunning</b> . Saturate all end grains/cut surfaces thoroughly, apply 3-4 coats wet-on-wet. Apply 2 rich coats <b>BUTINOX Futura 16</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 Husvask og Kraftvask</b> (diluted with water 1:10). Disinfect with <b>BUTINOX Sopp- og Algefjerner</b> . Apply 2 rich coats <b>BUTINOX Futura 16</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.
Old weathered stain, opaque stain or paint:	Clean with <b>BUTINOX Husvask og Kraftvask</b> (diluted with water 1:10). Remove loose paint/stain and wood fibers by wire brush or scraping. Sand glossy and hard surfaces. Smooth sharp edges using emery/sand paper. Bare spots (from drybrushing/scraping) to be primed with <b>BUTINOX Futura Grunning</b> . Saturate all end grains/cut surfaces thoroughly, apply 3-4 coats wet-on-wet. Disinfect with <b>BUTINOX Sopp- og Algefjerner</b> . Apply 2 rich coats <b>BUTINOX Futura 16</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.
Galvanised steel and aluminium:	Wash with <b>BUTINOX Husvask og Kraftvask</b> diluted 1:5 with water and rinse well. Older plates must be washed with <b>BUTINOX Husvask og Kraftvask</b> (diluted with water 1:10) and rinsed well. Apply 2 rich coats <b>BUTINOX Futura 16</b> . Not recommended on plastic-coated roof and facade panels.

Corrugated sheet metal, iron and steel:	Wash with <b>BUTINOX Husvask og Kraftvask</b> (diluted with water 1:10). Rinse thoroughly. Remove loose paint and any rust. Then treat with two coats of anti-corrosive primer ( <b>QUICK Bengalack Grunning</b> ). Apply 2 rich coats <b>BUTINOX Futura 16</b> . Not recommended on plastic-coated roof and facade panels.
Factory-primed cladding:	Must be treated within 1 month. Apply <b>BUTINOX Futura Grunning</b> to the end grains/cut surfaces. Saturate thoroughly, apply 3-4 coats wet-on-wet. Apply 2 rich coats <b>BUTINOX Futura 16</b> on sawn woodwork. Apply 3 coats to horizontal cladding to ensure enough paint on the planed part, min. 100 µm dry film thickness. Remember to coat end grain.

## Cleaning of spillage

Water.

## Maintenance

Wash the house with NO: **JOTUN 3-i-1 Kraftvask og soppfjerner** (diluted with water 1:20) when necessary.

## Management, Operation and Maintenance

Please refer to the FDV datasheet for information regarding maintenance and repair of the painted surface.

## Storage

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

## Disposal of waste

Liquid paint and washing water with paint residues 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).



The product meets the requirements of the BREEAM® NOR for the VOC and the A20 list.

## Product warranty

For warranty conditions, see [www.butinoxfutura.no](http://www.butinoxfutura.no) or warranty card.

## 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.

## Indoor environment / Emission

The product is recommended for outdoor use only.

## Miscellaneous

### NOBB number

This document covers the following NOBB numbers:

57919661, 57919676, 57919680, 57919695, 57919706, 57919714, 57919725, 57919733, 57919744, 57919752, 57919763, 57919778, 57919782, 57919797

### NOBB module number

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### Contact information

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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.