

# Universal Impregnation

Technical Data Sheet

January 2020

Page 1/2



- » *for outdoor wood*
- » *against blue stain, rot and wood-destroying insects*
- » *reduces swelling and shrinking of the wood*
- » *for use underneath all SAICOS exterior coatings*

## Product characteristics:

SAICOS Universal Impregnation is a water-based, high-quality, preventive protection against blue stain, rot and wood destroying insects for outside wood above the ground (use class 2 and 3). SAICOS Universal Impregnation penetrates very deeply into the wood surfaces and is a ready for use, preventive wood preservative (PT8).

SAICOS Universal Impregnation complies with the EURO norm standard specifications:

- **EN 113:** prophylactically effective against wood-destroying fungi (rot)
- **EN 152:** prophylactically effective against wood-staining fungi (blue stain)
- **EN 46:** prophylactically effective against wood-destroying insects

## Colour:

**9004** colourless

## Fields of application:

SAICOS Universal Impregnation is used to treat static unclaimed outdoor wood without contact with the ground (e.g. windows, shutter, doors, pergolas, exterior wood paneling) for preventive protection against blue stain, rot and wood-destroying insects according to EURO norm **EN 113**, **EN 152** and **EN 46**.

## Restrictions on use:

Not for use with wood intended to come into direct contact with food and feedstuffs. Not for use with wood with earth contact and therefore permanent exposure to moisture or permanent contact with fresh or salt water. The product is harmful to aquatic organism. Do not discharge into drains or rivers.

## Preparation:

The wood to be treated must be clean and dry (max. 18 % moisture content) and free of any coating. Sand off existing paint completely. Apply just on frost-free wood (impregnation can not penetrate into frozen wood).

## Processing:

SAICOS Universal Impregnation is ready for use. Stir well - do not dilute.

## Application:

Apply with SAICOS Flat Brush, SAICOS Aqua Roller or SAICOS Universal Roller „Small“. Apply intensively - if possible on all sides - on dry and frost-free wood.

## Note:

The first coat must be completely dry before further treatment. SAICOS Universal Impregnation is not a final coating. Apply final coating prior exposing the wood to weathering. SAICOS Universal Impregnation can be coated with all SAICOS exterior wood finishes.

## Best processing temperature:

Between 10 °C and 30 °C.

## Coverage per liter:

1 litre is sufficient for approx. 5 m<sup>2</sup> on smooth wood.

Coverage depends on wood species and surface structure.

## Number of coats:

1x SAICOS Universal Impregnation

## Application quantity:

200 ml/m<sup>2</sup>, to fulfil **EN 113**, **EN 152** and **EN 46**

## Drying time:

approx. 4 - 6 hours (depending on temperature and air humidity). Close container tightly after use.

## Cleaning of tools:

Thoroughly with plenty of warm water.

## Storage:

At least 24 months in sealed container. The liquid product is susceptible to frost. Transport and store frost-free (> 5°C).

**This product is also usable with machinery. Please contact your dealer for further information.**

# Universal Impregnation

Technical Data Sheet

January 2020

Page 2/2



## Physical properties:

**Density:** 1.0 g/cm<sup>3</sup>

**Viscosity:** 10 - 15 seconds, 4 mm cup, DIN 53211

**Odour:** faint/mild, odourless when dry

**Flashpoint:** not flammable

## Safety – First Aid:

Keep out of the reach of children. Do not fill into food, beverage or other containers used for foodstuff. Very toxic to aquatic life with long lasting effects. Avoid release to the environment. Collect spillage. Dispose of contents/container to industrial incineration plant.

**Contains:** IPBC, BIT.

May produce an allergic reaction.

May not be used on wood that comes into direct contact with food or feed. Wood preservatives contain biocidal ingredients to protect wood from pests. They shall be used only according to instructions and only where protection is required. Abuse can lead to health and environmental damage.

EU limit for solidifying primers (Cat. A/h): 30 g/l (2010). SAICOS *Universal Impregnation 9004* contains a maximum 30 g/l VOC. GGVSEB / ADR -/-