

**STUFEX<sup>®</sup> HYDROLAC**  
Water-based polyurethane varnish

Rev. January 2014

**Applications**

Water-based, single-component, anti-yellowing polyurethane varnish for varnishing parquet, interior wood flooring and coverings, recommended whenever low solvent-emission is required.

It is extremely resistant to staining by commonly used substances such as wine, coffee, detergents, etc.. The aesthetic effect is very similar to traditional solvent-based, dual-component polyurethane varnishes.

When applied in the quantities recommended in the test certificate, Hydrolac varnish is also capable of providing class **Bfl-s1** fireproofing according to current EU standards.

**Technical data**

PRODUCT IDENTIFICATION DATA	
Appearance	Transparent or coloured
Test viscosity (DIN 3)	62 +/- 2 sec.
Specific weight	1.01 +/- 0.02 g/cm <sup>3</sup>
Dry residue	24 +/- 1%
Gloss	75 +/- 3 High gloss 45 +/- 3 Semi-gloss 20 +/- 3 Opaque
Conservation	In the original container kept tightly shut, avoiding low temperatures. Use preferably within 6 months. PROTECT FROM FROST.
APPLICATION DATA	
Drying time	
Dry to the touch	20 minutes
Can be sanded down in	6-8hrs
Dilution	Ready to use. Maximum 3-5% with mains water
How to apply	Roller Paintbrush

*The above information relates to the OPAQUE version, obtained from an application of 150 microns moist, at a temperature of 20°C and relative humidity of 60%. A different thickness and/or temperature and/or relative humidity may lead to a variation in these data.*

**How to apply**

**PREPARATION**

Ensure that the surfaces to be treated are dry, with wood moisture-content within 12%, clean, free from dust and greasy substances (oil, grease, etc.) that could adversely affect the anchorage of the varnish.

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### APPLICATION

For a good result, the following COATINGS OF VARNISH are recommended.

#### - Traditional varnish coatings

- 1
  - One coat of R 1551 sealant, sand down after 4-5hrs.
  - One coat of Stufex HYDROLAC varnish, sand down with 180 sandpaper after 6-8hrs.
  - One coat of Stufex HYDROLAC varnish.
- 2
  - Three coats of Stufex HYDROLAC varnish, sanded down between each coat after 6-8hrs.

#### - Fireproof varnish coatings

- 1
  - Apply a first coat using 100 g/m<sup>2</sup> of the product HYDROLAC WB.
  - After at least 6-8 hours, sand down with medium grain (180-200) sandpaper and apply a second coat using 100 g/m<sup>2</sup> of the product HYDROLAC WB.
  - After at least 10-12 hours, sand down with medium grain (180-200) sandpaper and apply a third coat using 100 g/m<sup>2</sup> of the product HYDROLAC WB.

The flooring may be walked on 24 hours from the last coat but the surface reaches maximum resistance in about a week.

(Tools must be cleaned with water)

### Consumption

The ideal quantity to apply is

**80-100 g/m<sup>2</sup>**  
**300 g/m<sup>2</sup> Ignifuga Bfl s1**

### Packaging

The product is supplied in tins of

**0,75 l – 2,5 l**

**This antifire protective paint satisfies conditions for UE ecological system ECOLABEL**

**Registration Number IT/07/09. Certificated CSI in Bollate 0133/DC/REA/09\_1**



**The instructions provided in this document are consistent with the most recently available information on the development and use of our product. Because we have no control over the onsite use and application of the product, we may only be held liable for the quality of the product as supplied.**