The efficiency of HR Prof is tested and approved internationally, it meets the classifications of Euroclass B-s1-d0, (UK class 0 on solid wood, Euroclass C-s1-d0 (UK class 1) on plywood, K1 10 and K2 10.

The unique patented technology permits HR Prof to help extend the lifetime of treated wood, transforming it into a more fungal and blue stain resistant substrate.

Once absorbed into the surface of the wood HR Prof combines chemically within the cell structure, but does not form a surface finish, which allows the wood to breathe naturally.

In the event of fire, carbon char is restricted to the immediate area restricting the spread of flame.

Wood treated with HR Prof complies with EU Construction Products Regulations, enabling customers to apply for a CE mark on treated timber. HR Prof is certificated according to EU Regulation No: 305/2011 (Construction Products Regulation)

Sizes Available: 1, 5 & 20 litre containers and 1,000 litre IBCs

- Euroclass B-s1-d0
- Water based
- Eco friendly
- Internal and external application, does not leach
- Colourless and odourless
- Apply with brush, roller, low pressure spray or vacuum
- Non Toxic – No Solvents
- No maintenance required
- Tested to BS 476-6 & BS 476 part 7
- Meets the highest EU quality standards
APPLICATION

The product is easy to use and does not require a protective finishing coat. It is not harmful to humans, animals or the environment.

HR Prof can be applied with brush, roller, low pressure spray or vacuum, usually 3 coats that should be applied at intervals of minimum 1 hour.

Consumption: 270 ml/m2 on most wood species, on W R Cedar 360 ml/m2, to ensure a depth of impregnation of 2.0 - 4.5mm into the wood.

The substrate to be treated must be dry, clean, without bark, paints or varnishes and free from contaminants. In some instances there may be colour change after application.

Do not apply to wet or frozen wood and do not mix HR Prof with other products.

It is possible to paint or over-coat with some decorative materials once the substrate has dried sufficiently. If over-coating try a small area first to ensure compatibility.

Drying times are dependent on absorption of the substrate and drying conditions (temperatures and humidity). The approximate drying time is 24-72 hours at + 20 C / 65 relative humidity.

Does not leach once dry.

EUROCLASS B-s1-d0

- SPRUCE
- BIRCH
- PINE
- EUROPEAN OAK
- SCOTCH LARCH
- SIBERIAN LARCH
- WESTERN RED CEDAR
- SUCUPIRA AMARELA
- THERMOWOOD

CERTIFICATION AND APPROVALS

- Fireproof efficiency class B-s1-d0 according to EN 13501 1 (EN13823 and EN 11925 2)
- Fire resistance test of covering K1 10 and K2 10 according to EN 13501-2 (EN 14135, EN 1363-1 and EN 1363 2)
- Fire testing according to ISO 5660
- Fire protection of floor covering A2/B Fl according to EN ISO 9239-1
- Fire test of a facade cladding SP Fire 105
- External usage efficiency according to accelerated endurance of fire retardant treated wood for fire testing according to NT FIRE 053 & NT FIRE 054
- Hygroscopic experiment NT Build 504
- Assessment and approval of factory producton control according to the European Commission.

HR Prof is tested and approved by many European accredited laboratories and certification centers: