



Adolit BSS 1 liquid

Ready-to-use, water-based, boron-free fire retardant for wood impregnation

Colour	Availability
	Quantity per pallet 22
	Size / Quantity 20 l
	Type of container Tin bucket
	Container code 20
	Art. no.
clear	2211 ■

Application rate

Spruce/fir: 0.3 kg/m² (= 268 ml/m²)
For woods not listed here, please consult Remmers Technical Service before use.



Range of use



- Interior wood
- Exterior wood not directly exposed to weather
- Roof structures
- Wall and ceiling panels
- Wall and ceiling constructions
- Shop fitting and trade fair stands
- Theatre and stage constructions
- Prefabricated timber houses
- Stables, sheds
- Please consult the responsible building authority before use
- For use by professionals

Property profile



- Improves the fire behaviour of wood
- Free from boron and biocides
- Clear once dry: does not stain the wood
- The impregnated wood retains its natural appearance
- Approved for use in systems with selected decorative coatings
- Ready to use
- Non-blocking

Characteristic data of the product

Density (20 °C)	Approx. 1.15 g/cm ³
Odour	Odourless once dry

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- [Glimmverhalten im Brandschacht nach DIN 4102-1/-15/-16](#)
- [Klassifizierung des Brandverhaltens nach DIN EN 13501 \(C-s2, d0\) im Aufbau mit Induline LW-718 WF](#)
- [Klassifizierung des Brandverhaltens nach DIN EN 13501 \(B-s2, d0\)](#)

Possible system products

- [Induline LW-718 WF \(2668\)](#)
- [Induline DW-618 WF \(2664\)](#)

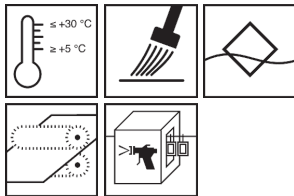
Preparation

- Substrate requirements
The substrate must be clean and free of dust.
The substrate must be free of all traces of fungal or bacterial attack, algae growth or insect infestation.
Permitted wood moisture content: u < 18%
Thick solid timber ≥ 22 mm
Thick tongue and groove joints ≥ 12 mm
The wood must be cut to size and finished.



- Substrate preparation
Planed woods: sanded with P 80
Do not attach metallic fittings prior to impregnation.

Directions



- Conditions for use
Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.

Sanded wood: dip-coat, spray or apply by brush on all sides three times (wet-on-wet)
Rough-sawn/fine-sawn wood: dip-coat, spray or apply by brush on all sides twice (wet-on-wet)
After drying (wood moisture content max. 15%) and removal of excess salt residues using a brush, by sponging down or by sanding lightly, the treated wood may be finished with approved decorative coatings (see system products).

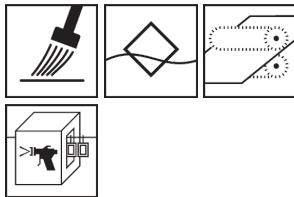
Tips on use



A trial coating must be applied prior to application of the product in order to check the adhesion and compatibility of the coating.
The treated components must be protected against rain and moisture (enclosed spaces, covered structures etc.) and must not be exposed to weathering.

- Drying
Can be overcoated: after approx. 4 hours
Low temperatures, poor ventilation and high humidity delay drying.
Wood moisture content may only be measured using the Darr method.
- Thinning
Ready to use

Tools / Cleaning



Dipping tank, brush, board coating machine, spraying equipment

Clean tools with water immediately after use.
Ensure that any residue from cleaning is disposed of correctly.

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Biocidal Products Regulation

Contains a biocidal product (in-can preservative) with the biocidal agents CMIT/MIT (3:1) for protecting the container content from deterioration by microbial organisms (germs, yeast, etc.). Please note the processing guidelines carefully!

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.