



# Stain in powder (water soluble)

**For decorative colouring of all hardwoods and softwoods, with deep penetration**



1 liter is sufficient for approx. 6 m<sup>2</sup> per coat



suitable for children's toys



can be painted over after 12 hours



suitable for internal use

## Characteristics:

Water soluble wood stain in powder form with intensive, brilliant colour effect for all common wood types. In dissolved form the colours can be mixed with one another. Different colour combinations can be produced by adding more or less water.

## Areas of Application:

For colouring untreated wood surfaces in the indoor area, such as carvings, shelves, furniture, mouldings, frames or claddings.

## Contents (as per VdL-RL 01, the German association for paint and printing inks' guideline for declaring paint products):

Synthetic colourants, evaporated salt

## Technical Data:

Density at 20 °C: approx. 1,01 g/cm<sup>3</sup> (DIN 51757)

Viscosity: approx. 10 s in DIN 4 mm cup

pH value at 20 °C: approx. 9,3

## Colour shades:

yellow G, yellow R, orange, light red, dark red, mahogany, light green, dark green, violet, blue, light grey, dark grey, light oak, medium oak, dark oak, light walnut, medium walnut, dark walnut, light mahogany, dark mahogany, cherry, pear, teak, black, dark cherry

## Container sizes:

Sachet (Content is sufficient for 250 ml)

## Storage:

Store in well-sealed original containers in a cool place protected from frost. Can be stored for 5 years in original sealed containers. Move any opened powder stain to smaller, suitable containers, seal airtight and use in a timely manner.

## Disposal:

Recommended waste code according to the European Waste Directory: 04 02 17 (the final commitment must be made in coordination with the regional waste utility).

## Water hazard class:

Slightly hazardous for water

## Safety precautions:

Even when working with low-polluting products the usual safety measures should be complied with. Store out of the reach of children. Wear suitable protective clothing. Ensure there is a good supply of air during work and drying. If product comes in contact with the eyes or skin, wash thoroughly with water immediately. Do not allow product to find its way into the sewage system, surface waters, or groundwater. Please refer to the safety data sheet for more information.

## PROCESSING

### Preparation:

After the usual wetting the wood down before staining and drying, sand with a 150/180 grain and carefully remove the dust. To avoid a blotchy overall stain appearance, completely remove any glue residues and areas containing resin. Particularly in the case of woods with larger pores, remove the sanding dust by carefully brushing out the wood pores.

### Processing:

Stirring constantly, dissolve bag contents completely in 250 ml of hot tap water, and allow to become cold. Any amounts removed can lead to differences in colour. Before use and during long application processes stir the stain solution well, to avoid colour variations.

Apply the stain solution uniformly saturated with surplus using a flat, metal-free brush (a staining brush) or a sponge in the direction of the grain. After 2 minutes, using a brush or sponge remove the surplus that has not penetrated, first crosswise and then lengthwise. On vertical surfaces always apply from the bottom upwards, so that the stain does not run down in thin beads and leave clearly visible stripes.

### Coverage:

250 ml is sufficient for approx. 1–2 m<sup>2</sup> per coat

### Drying:

(at 20 °C and 50 % relative humidity)

The coat should be completely dry after 12 hours. Temperature, humidity, substrate and type of wood all affect the drying process. As such, drying times are longer at lower temperatures and higher humidity.

### Cleaning the work equipment:

Clean the used brushes thoroughly with clean water immediately after use. In order to minimise residues finding their way into the drain, squeeze out the brush well in absorbent paper before washing. Properly dispose of any residues from cleaning.

### Further treatment:

After it has dried completely, cover the stained wood surface with CLOU G1 Rapid Sanding Sealer, CLOU EL Wood Sealer, CLOU Shellac Coating Lacquer or CLOU L3 Shellac Matting. With water-based paints the stain effect is smeared by dissolving of the colourants and paint may come off later.

### Special Instructions:

Always perform staining and painting trials on the original, sanded wood. Wood is a naturally-grown material. This means that differences in the stain colour can occur. Properties typical for wood, such as discolorations due to the constituents in the wood or changes to the colours in cases of modified woods cannot be avoided through treatment with stains. Only dissolve the required amount of powder stain, because dissolved powder stain contains no preservatives, so it can only be stored for a limited time.

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## Technical Information

Date July 2017

This information is of a non-binding nature and is based solely on our tests and experience. As we cannot influence the on-site application and use, no liability is expressed by the contents of this data sheet. It is the user's own responsibility to adapt the processing instructions to the prevailing working conditions and to test the suitability of the products for the

intended use by carrying out a process test where necessary. Our products are manufactured for professional users with a sound basic knowledge of using lacquers, glazes and stains. If unsure, our applications and laboratory technicians can advise to the best of their knowledge. The advice is non-binding unless confirmed in writing. Naturally we guarantee the quality of our products. Our general terms of sale and delivery apply. This information will become invalid when a new edition is released.