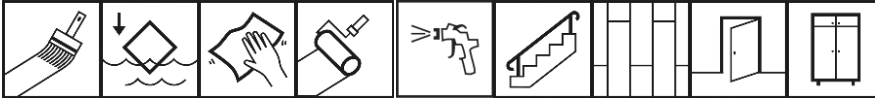


**ARTICLE:** HYDROSTAIN-MODULAR  
**ITEM-NO.:** JC73X0-XXXX  
**SYSTEM:** Modular Water-Based Stain System



### PRODUCT PROPERTIES

HYDROSTAIN MODULAR JC73X0 is a modular water-based stain system that allows different stain effects. It is suitable for versatile areas of application. Depending on the base, it can be used as a standard spray stain, as a positive spray stain or as a rustic stain for spraying and dispersing. In addition, the stain is also available for various special applications on request.

Hydrostain-Modular JC73X0-XXXX is characterised by:

- good intermixability of all pigment solutions, dye solutions and bases
- lightfast, opaque colour shades with our pigment solutions
- light stable, brilliant colour with our dye solutions
- excellent, positive stain effect when using the base JC7330-XXXX with dye solutions
- intensive pore pattern when using base JC7340-XXXX
- all products of the modular system are free of toxic substances

### SCOPE OF APPLICATION

Suitable for coating of:

- several solid timbers
- veneered substrates

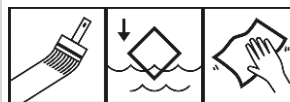
The product is well suited for the application on:

- furniture surfaces
- doors
- parquet flooring and stairs
- interior fittings

### TECHNICAL DATA

- **Colour:** Dye solutions JC7300-XXXX in 8 basic shades  
Pigment solutions JC7310-XXXX in 10 basic shades + basic shade for White-Positive (JC7330-0900)  
Special adjustments JC7350-XXXX
- **Stain Bases:** Standard JC7320-XXXX  
Positive JC7330-XXXX  
Rustic JC7340-XXXX
- **Viscosity:** 10-12 s DIN 53211/ 4 mm
- **Density:** 0,95-1,2 g/cm<sup>3</sup>

### APPLICATION



Application quantity per layer (g/m<sup>2</sup>)

1L = 4- 6 m<sup>2</sup>

Quantity of applied layers

1 - 3

Jet nozzle (mm)

1,0 - 1,6

Air pressure (bar)

1,4 - 2,5

### DRYING

### HARDENER, THINNER, RETARDER

Dust-dry after

Sandable after

Overcoatable after 4-5 h

Stackable after

Completely dried after 4-5 h

Cured after

( at 20 °C and 35-65 % relative humidity and depending on the applied quantity)



Thinner

The pigment and dye solutions can be diluted with the respective base solutions.

Unlimited water can be added to the staining system, taking into account a weakening/cancellation of the stain effects.

Item No.: JC73X0-XXXX

## STORAGE



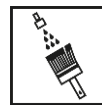
Store material in a tightly closed container and under dry and cool conditions. Protect from frost.

### Shelf life:

JC73X0-XXXX: 6 months

(when stored in the original unopened containers)

## CLEANING



Clean tools immediately after use with

- Water

## SPECIAL GUIDANCE

- Stir well before using!
- The substrates which should be coated have to be conditioned 12 hours before coating.
- It is recommended to perform preliminary trials to test the suitability of the coating system with the desired substrate.
- The surfaces have to be perfectly sanded, dry, free of grease, oil and silicones before the application.
- High humidity and a moisture content above 10% must be avoided at all costs. High humidity leads to longer drying times. The indicated times depend on the application quantity, the room temperature and the relative humidity.
- Protect the containers from drying out and always close them tightly immediately after removing the material.
- Before starting the application, check the colour shade for accuracy (slight colour deviations reserved). Make a reference sample on the respective wood.
- Stir occasionally during processing to ensure that the colour tone, opacity and gloss level are identical. The basis of our colour shades is the observation in daylight (D65).
- In the case of standard colours, the colour shades shown in the sample card are only for orientation.
- Watering the wood surface supports the even colouring, a transparent coating increases the resistance.
- Watering the wood surface supports the even colouring, a transparent coating increases the resistance.
- All basic shades (dye and pigment solutions) can also be used pure to obtain a very intensive colouring of the woods.
- For less intensive colouring or corresponding staining effects, one of the stain bases must be added with approx. 30-80%. To do this, first select the desired base (standard, positive, rustic) and place it in a measuring cup, then add the dye and/or pigment solutions in the required quantity to adjust the colour shade.

## TESTING STANDARDS

- With the base HYDROSTAIN MODULAR Positive JC6330-XXXX positive effects can be achieved when using the dye solutions JC6300-0160 to JC6300-0980. For this purpose spray a visibly damp film (not wet) without dispersing.
- The base HYDROSTAIN MODULAR Rustic JC6340-XXXX is particularly suitable for spraying and dispersing and achieves pore-wetting colour shades. For this purpose, spray a wet film, allow the stain to react and disperse the stain. The time the stain is allowed to react determines the intensity of the colour shade.
- To ensure later reproducibility, self-mixed HYDROSTAIN MODULAR stain formulations should ideally consist of a base solution and max. 3-5 colouring components.
- If special effects are to be achieved or if stains are required for special applications such as dip stains, drum stains, colour concentrates, etc., these can be requested and manufactured in our production facilities. Such special formulations are not available in the modular system.

### Safety guidance:

The information in this technical data sheet is based on the current knowledge and experience of PLANTAG Coatings GmbH. The product processor is not exempted from its own testing and testing of the products with regard to the intended use as well as the wealth of possible influences during processing and application. Existing laws and regulations are to be observed by the recipient of our products in their own responsibility. Labeling in accordance with the Ordinance on Hazardous Substances and Transport Law can be found in the safety data sheet. A legally binding assurance of certain properties or suitability for a specific purpose cannot be derived from our information. Recommendations deviating from the information in our technical data sheets are only binding for us if they have been confirmed in writing. Our terms and conditions are an integral part of this technical information sheet [Okt-23]

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