

ARTICLE: HYDROSTAIN-MODULAR
ITEM-NO.: JC73X0-XXXX
SYSTEM: Water-Based, 1C Stain



PRODUCT PROPERTIES

Hydrostain-Modular JC73X0-XXXX is a coloured, water-based, 1C stain and is characterised by:

- brilliant stain shades without emphasised pore wetting
- easy-to-use
- good intermixability
- mild odour and free from toxic substances

SCOPE OF APPLICATION

Suitable for coating of:

- several solid timbers (Except tropical and ingredient rich woods)
- veneered substrates

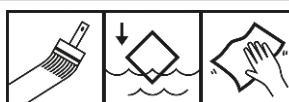
The product is well suited for the application on:

- furniture surfaces
- doors
- parquet flooring
- wooden composites and components
- staircase components and steps

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
- Gloss level:** Standard JC7320-XXXX
Positive JC7330-XXXX
Rustic JC7340-XXXX
- Viscosity:** 10-12 s DIN 53211/ 4 mm
- Density:** 0,95-1,2 g/cm³

APPLICATION



Application quantity per layer (g/m²)

1L = 4- 6 m²

Quantity of applied layers

1 - 3

Jet nozzle (mm)

1,0 - 1,6

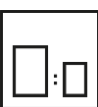

Air pressure (bar)

1,4 - 2,5

Material pressure (bar)

DRYING

HARDENER, THINNER, RETARDER

Dust-dry after			Hardener	-
Sandable after				
Overcoatable after	4-5 h			
Stackable after				
Completely dried after	4-5 h		Thinner	If necessary: water
Cured after				
(at 20 °C and 35-65 % relative humidity and depending on the applied quantity)			Retarder	-

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 base 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 pour it into a measuring cup, then add the dye and/or pigment solutions in the required quantity to adjust the colour shade.
- Positive effects can be achieved with the base HYDROSTAIN-MODULAR-Positive JC7330-xxxx when using the dye solutions JC7300-0160 to JC7300-0980. For this purpose spray a visibly damp film (not wet) without dispersing.
- The base HYDROSTAIN-MODULAR-Rustic JC7340-xxxx is particularly suitable for spraying and dispersing and achieves pore-wetting colour tones. For this purpose, spray a wet film, let it react and drive it out. 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 be composed of a stock 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 produced in our factory. These special settings 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 [Jul-25]

PLANTAG Coatings GmbH

Ohmstr. 8
32758 Detmold
GERMANY
Fon: +49 5231 6002 661
Fax: +49 5231 6002 9661
E-Mail: info@jordanlacke.de

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