



COMPANY WITH MANAGEMENT SYSTEM  
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 Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531

Company under the direction and coordination of The Sherwin-Williams Company, USA

# Technical Data Sheet

## HI20\*\*/00 WATERBASED WOOD STAIN FOR EXTERIORS

Supersedes previous issue dated 12/13/13

DATE 05/19/15

### Colours:

HI2010/00	clear
HI2011/00	chestnut/light walnut
HI2012/00	walnut
HI2013/00	dark walnut
HI2014/00	mahogany
HI2015/00	green
HI2016/00	red
HI2017/00	pine/larch
HI2019/00	white
HI2020/00	oak
HI2021/00	teak
HI2022/00	brown walnut

### Areas of use

Wooden items: door and window frames, balconies, wood panelling, fences, poles, etc.

### Methods of application

Brush

### Mixing procedure

Ready to use. If thinning is required, add 5-10% drinking water. For higher thinning, use HI2010/00 clear

### Technical characteristics

* Solids content (%):	white	35 ± 1
	other colours	16 ± 1
* Specific gravity (kg/l):	white	1,180 ± 0,030
	other colours	1,020 ± 0,030
* Viscosity at 20°C (sec):	white	16 ± 3 DIN 4
	other colours	50 ± 5 DIN 2
* Drying time (50 g/m <sup>2</sup> at 20°C):	touch dry	1 hr
	sandable	2 hrs
	recoatable	4 hrs

**N.B.:** QUANTO I DATI E LE INFORMAZIONI RIPORTANO NELLA PRESENTE DOCUMENTAZIONE TECNICA CORRISPONDE ALLA NOSTRA ESPERIENZA. ASSICURIAMO MASSIMA GARANZIA SULLA CONTINUITA' DELLE CARATTERISTICHE CHIMICO-FISICHE DEI NOSTRI PRODOTTI ENTRO I LIMITI DI TOLLERANZA ESPRESSI DALLE SCHEDE TECNICHE. IL RISULTATO FINALE SARA' SOTTO LA COMPLETA RESPONSABILITA' DELL'UTILIZZATORE CHE DOVRA' ASSICURARSI CHE IL PRODOTTO CORRISPONDA ALLE PROPRIE NECESSITA' IN RELAZIONE AGLI STRUMENTI APPLICATIVI, AI SUPPORTI UTILIZZATI ED ALLE CONDIZIONI AMBIENTALI DI APPLICAZIONE.



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- \* Spreading rate (m<sup>2</sup>/kg): 10
- \* Number of coats: as required

## Product characteristics

HI20\*\*/00 are waterbased stains suitable for protecting wood exposed for interior and exterior. They contain transparent iron oxides, which provide good light fastness and absorb UV radiation, thus protecting the wood from weathering.

Compared to a solvent stain, the series water HI20XX / 00 has the following advantages: drastic reduction in solvent emissions, faster cycle times, greater uniformity of color, products, water-dilutable network.

## Use of product

### Substrate preparation

NEW WOOD: Sand with 150 grit sandpaper

PAINTED WOOD: if treated only with primer, sand and remove dust. If treated with finishing or flatting, completely remove the old paint proceeding as on new wood.

### Application

INTERIOR - apply 1 or 2 coats on raw wood. It could be painted over with the topcoat HF20XX / 00, HI 231X / 00, or with HL20XX / 00.

The white pigmented version HI2019 / 00 can be used alone in a single coat or in more coats over, or painted finish HI2311 / 00 or with pigmented topcoat water Series HL20XX / 00.

EXTERNAL - apply 1 or 2 coats of stain HI20XX / 00 and over with paint necessarily one of the following topcoats: HF20XX / 00 HI231X / 00.

It is advisable to paint over the white pigmented version HI2019 / 00 with the transparent topcoat water HI2311 / 00.

## Special instructions

- \* Stir products well
- \* Make sure the can is well sealed
- \* Store above 5°C
- \* Use in well ventilated area
- \* Use in temperatures above 10°C
- \* Do not pour waste down sinks, drains or sewers
- \* Waste must be disposed of responsibly and in accordance with current legislation
- \* Keep out of the reach of children
- \* Avoid contact with skin or eyes
- \* In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**N.B.:** DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. WE ASSURE CONSISTENCY ON THE CHEMICAL-PHYSICAL CHARACTERISTICS OF OUR PRODUCTS, WITHIN THE TOLERANCE LIMITS SPECIFIED ON OUR TECHNICAL DATA SHEETS. RESPONSIBILITY OF FINAL RESULT OF PRODUCT APPLICATION IS FULLY UP TO THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT CORRESPONDS TO THEIR OWN NEEDS WITH REGARD TO APPLICATION SYSTEM, TO SUBSTRATES USED AS WELL AS TO WORKING CONDITIONS.

**WARNING:** ACTUAL VISCOSITY OF SOME PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE VISCOSITY SHOWN ON THE TECHNICAL DATA SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.