WOOD STAIN
IMPRA WS-162 B

No. TD : W-019
Revision : 00
Effective Date : 25/10/2016

WOOD STAIN IMPRA WS-162 B is a solvent based wood dye stain, made from selected high quality dyestuffs dissolved in suitable solvent which perform a very brilliant coloring of wood grains and rattan. It provides good light fastness, fully transparent, good penetration into the wood grains, fast drying, and easy to apply. This product is suitable for furniture or interior use and suitable to be coated with any type of lacquer such as NC, Melamine, Acrylic, and Polyurethane.

PRODUCT SPECIFICATION

Type	:	Dyes stain
Appearance	:	Transparent color liquid
Color	:	Yellow BB, Candy Yellow, Blue, Cocoa Brown, Rotan Pink, Orange, Rotan Grey, Red Mahony, Tea Brown, Brown KJ, Light Brown, Black, Yellow, Candy Brown CA, Candy Brown CB, Green, Rotan Brown, Red, Walnut Brown, Dark Mahony, Coffee Brown, Salak Brown, Dark Brown, SHP Brown
Solid content (NV, w/w)	:	2 ± 1 %
Viscosity (30ºC)	:	N/A
Specific Gravity	:	0.89 ± 0.01 g/cc
Flash Point	:	23ºC
Packing	:	1 lt. in steel can, 5 lt. in steel gallon, 20 lt. in steel pail

APPLICATION

Application condition	:	25 - 35ºC, 60 - 80%RH
Application method	:	Air spray, brush, or wiping
Substrate	:	Teak, Sungkai, or other wood
Thinner	:	THINNER SERBAGUNA PRO
Thinning ratio by volume	:	Thinner is used if necessary.
Application viscosity (Din cup 4, 30°C)	:	N/A
Pot life of mixture	:	N/A
Coating Amount (wet)	:	60 - 80 g/m^2 of mixture per coat
Theoretical coverage	:	14.3 m^2/lt. at ca 60 g/m^2

FILM PROPERTIES

Drying time (at 30°C, RH = ± 80%)

▪ Dust free	:	5 - 15 minutes
Over coating time	:	wet on dry = after 15 minutes

OTHERS

Shelf life	:	One year if stored in cool and dry condition in original sealed can
Storage and handling	:	Store in good ventilation room temperature

SURFACE PREPARATION

- The surface must be clean, dry, and free from oil.
- Remove oil, grease, or dirt with solvent or appropriate method (wire brush, steel wool, or sand paper no. 120 - 150 for Oak wood, no. 150 - 180 for Rubber and Ramin wood, and no. 180 followed by 240 for Cherry wood).

- For Close Pore Finishing it is necessary to use wood filler.

APPLICATION INFORMATION

- This product is formulated to be applied on bare wood or over wood filler. For re-finishing, remove the old coating with sandpaper no. 120 or paint remover if necessary.
- Apply **WOOD STAIN IMPRA WS-162 B** evenly over the surface by wipe, brush, or air spray.
- **WOOD STAIN IMPRA WS-162 B** does not contain dangerous solvent, nevertheless a good ventilation in working area is suggested.

RECOMMENDED COATING SYSTEM

☒ STANDARD TRANSPARENT COLOR SYSTEM

No.	APPLLICATION STEP	MELAMINE SYSTEM		NC SYSTEM	
		PRODUCT	REC. COAT	PRODUCT	REC. COAT
1	Filling Pore	IMPRA SH - 113	1 x	IMPRA SH-113	1 x
2	Staining	**IMPRA WS-162 B**	1 x	**IMPRA WS-162 B**	1 x
3	Base Coat	IMPRA MSS-123 / IMPRA MSS-124	2 x	IMPRA SS-121	2 x
4	Top Coat	IMPRA ML-131	2 x	IMPRA NC-141	2 x

SAFETY PRECAUTION

This product contains aromatic solvent. It does not contain formaldehyde or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks, and solvent resistance gloves. Use barrier cream.
This product is flammable. Do not smoke. Use only explosion proof equipment. Do not breathe the vapour of spray. Avoid contact with strong oxidizing agents and water.

FIRST AID:

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice
- Ingestion : Provide symptomatic treatment and seek medical advice
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration