

TECHNICAL DATA

PRODUCT	LWW 8xx – IDROSIV series
DEFINITION	NEUTRAL AND COLOURED IMPREGNATORS FOR BROADLEAF/HARDWOOD
DILUTING AGENT	WATER (when necessary)

MAIN FIELD OF USE:

IDROSIV impregnators are suitable for the protection of all the most common broadleaf timbers for exterior use.

Particularly indicated woods:

Iroko, oak, walnut, chestnut, maple, cherry, ash-tree, teak, meranti, njangon.

PROPERTIES:

LWW 2xx IDROSIV are protective and decorative products of wood, developed for preserve a long time from the weather and preserving it from the onset of bluing fungus and rot, due to the use of special additives in the product. The pigments, resistant to light and weather, prevent the graying of lightwoods and alterations of their natural color caused by ultraviolet rays. The special water-repellent treatment conferred by IDROSIV, allows the natural transpiration of the wood.

STANDARD COLOURS AVAILABLE:

In addition to LWW800 IDROSIV Neutral, these are the other colours available:

LWW 815 IDROSIV Larch	LWW 825 IDROSIV Chestnut
LWW 831 IDROSIV Teak	LWW 832 IDROSIV Unripe Walnut
LWW 833 IDROSIV Mahogany	LWW 834 IDROSIV Douglas
LWW 835 IDROSIV Green	LWW 836 IDROSIV Warm Chestnut
LWW 837 IDROSIV Cherry	LWW 838 IDROSIV Dark Walnut

APPLICATION:

By dipping, by brush, by flow coating.

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CHEMICAL-PHYSICAL PROPERTIES:

Specific Weight (at 20°C/68°F)	8,351 lb/USgal \pm 0.100	VOCs (%)	4.45÷5.30
Specific Weight (at 20°C/68°F)	1,000 g/l \pm 10	VOCs (lb./USgal)	0.375 ÷ 0.445
Solid Content % by Volume	8.55 – 11.55%	VOCs (g / l)	44.95 ÷ 53.35
(Average theoretical value according with ISO 3233-3:2015)			
Solid Content % by Weight	9% ÷ 12%		
Viscosity DIN Ø 2 (at 20°C/68°F)	47±2 sec	Pot Life see notes	n.a.
Viscosity Brookfield (at 20°C/68°F)	n.a.	Shelf Life see notes	12 months
		Yield	448 squ ft/USgal

PREPARATION OF THE SUBSTRATE:

➤ NEW WOOD:

- ✓ It must from dust, grease and waxes, with a maximum humidity of 15%;
- ✓ Sand the substrate with abrasive paper, 150 grains.

➤ OLD WOOD:

- ✓ In case of cracking, defoliation and any damages, remove the old paint by paint-remover and/or sanding. In any case, sand the surface with abrasive paper, 150-180 grain.

AMOUNT TO APPLY:

The product usually allows an application of 60-80 g/sqm (0.200 to 0.260 oz/sqft)

DILUTION:

Normally it is not required; in the hottest periods, we can add up to 10% of water.

DRYING:

Dust free	10-15 minutes
Dry to touch	30-40 minutes
Overcoatability	almost 3-4 hours

These values may be affected by temperature and weather condition, or by unfavorable environmental conditions.

In any case, it is not advisable to apply the product at temperatures below 5°C.

REMARK: The products of LWW 8xx IDROSIV series in addition to colours already mentioned, are available in a wide range of custom colors.

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NOTE:

KEEP AWAY FROM FROST.

DO NOT STORE THE PRODUCT AT TEMPERATURES BELOW 5°C.

It is preferable not to mix this series LWW 8xx for broadleaf, with the series LWW 2xx for coniferous timbers.

Stir the product before use; the pigments content in the coloured version can be on the bottom of the tank.

Using these products on timbers tannin or inhibitors substances content, could happen that some of these substances remain on the bottom of the tank where the LWW 8xx has been applied by dipping. In this case is necessary to filter them periodically.

In the time these products can increase their viscosity.

T.d.s. LWW 8xx – 2017, December – revision NA01

IMPORTANT: The information contained in this technical data sheet are based on the average results obtained in our laboratories and is the best experience we have acquired in the most rigorous manner, thorough tests and checks.

Nuova S.I.V.A.M. guarantees the consistency of the chemical/physical characteristics of its products within the tolerances indicated above.

The final result is the full responsibility of the user who, before using the product, must check that it meets his requirements in terms of safety, application equipment, support material to paint, and environmental conditions.

The information given herein is based on a temperature of 20°C/68°F and 70% of relative humidity.

Nuova S.I.V.A.M. technical and commercial network is at your complete disposal to deal with any questions regarding how to correctly apply and use our products.