

TECHNICAL DATA

PRODUCT CODE/NAME	LWY 25x SERIE – IDROFLAT
DESCRIPTION	CLEAR W.B. TOPCOAT FOR EXTERIOR BRUSH APPLICATION
THINNER(S)	Water (#) or LZD 786 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

They are waterborne odorless topcoats, suitable for painting and maintenance of outdoor items, such as window frames, blinds, shutters and wooden entrance doors.

PROPERTIES:

Products with excellent characteristics of elasticity, transparency, resistance to weather condition and blocking. They can be used as self-sealer.

The presence of UV filter improves the resistance in exterior.

Easy to apply; they do not contain biocide.

GLOSS LEVELS AVAILABLE:

LWY 250	80 ± 2
LWY 253	30 ± 2

CHEMICAL-PHYSICAL PROPERTIES:

Specific Weight (at 20°C/68°F)	8,685 lb/USgal ± 0.100	VOCs (lb./USgal)	0.400 ÷ 0.430
Specific Weight (at 20°C/68°F)	1,040 g/l ± 10	VOCs (g / l)	47.9 ÷ 51.5
Solid Content % by Weight	39.5% ÷ 41.5%	VOCs (%)	4.56 ÷ 4.91
Solid Content % by Volume	37.8%		
(Average theoretical value according with ISO 2322-3:2015)			
Viscosity DIN Ø 6 (at 20°C/68°F)	80" ± 2"	Pot Life see notes	n.a.
Theor.Coverage # (1 dry mil)	535 ÷ 562 sqft/USgal	Shelf Life see notes	18 months
# value referred to LWY 25x + 5% water by weight			

PREPARATION OF THE PRODUCT:

	by volume		by weight	
LWY 25x	10 parts	100%	10 parts	100%
Water (#) or LZD 786	0 - 0.5 parts	0 - 5%	0 - 0.5 parts	0 - 5%

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APPLICATION:

By brush (acrylic paintbrushes) and by spray with airbrush (conventional spray gun), with nozzle 2.5 and pressure of 3/3.5 atmospheres.

The product is ready for use; however, it is dilutable with water (#) or LZD786 in the ratio of 5%.

It is also possible to apply the product with rollers; in this case it will be necessary to dilute it with LZD786 at about 15%.

It is advisable to wash immediately after use the tools of painting.

PREPARATION OF SUBSTRATE:**NEW WOOD:**

Apply directly 2/3 layers over the impregnating preservative (LWW200 or LWW800), completely dried, after having brushed or sanded with 280 grit paper.

OLD WOOD AND MAINTENANCE of windows and doors:

If the window or door painted is not particularly damaged, you can proceed to its refreshment sanding the surface with 180/240 grit paper and then apply one or two coats of IDROFLAT.

DRYING-TIME (at 20°C/68°F)

Dust-free	30÷40 min.
Dry to touch	1.5÷2 hrs.
Stackable	n.a.
Dry to sand	8÷12 hrs.
Thoroughly dry	24 hrs.

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/41°F.

REMARK:

During the winter period, to improve the wettability, it is optionally possible to dilute with water (#) or LZD786 at 10%.

It is important that the temperature of the environment of application and drying is not less than 5°C/41°F and that the relative humidity does not exceed 80%.

In conditions of critical humidity is required an airflow, preferably warm, to allow a perfect drying.

When times longer than 3-4 hours elapse between the various coats of product, intermediate sanding is recommended.

(#): It is advisable to use preferably demineralized water.

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STORAGE:

The product, stored in the original cans tightly closed, preferably at a temperature between 10°C(50°F) and 30°C(86°F), has a shelf life of 18 months.

KEEP AWAY FROM FROST.

DO NOT STORE THE PRODUCT AT TEMPERATURES BELOW 5°C (41°F).

T.d.s. LWY 25x SERIE – 2020, March – 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.