

TECHNICAL DATA

PRODUCT CODE/NAME	LWY 601 – IDROFLAT TIX
DESCRIPTION	WHITE W.B. TOPCOAT FOR EXTERIOR
THINNER(S)	Water (#) or LZD 786 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

Odorless waterborne topcoat, suitable for the painting of articles for exterior, as windows, fixtures, shutters and doors and however on items defined 'dimensionally stable'.

PROPERTIES:

It is a "thick top-coat", with high elasticity, hiding power and resistance to weather conditions and blocking. The surface feels soft to the touch, with a good scratch resistance and will require a very easy maintenance.

Easy to apply, and very good verticality. It does not contain biocide.

CHEMICAL-PHYSICAL PROPERTIES:

Specific Weight (at 20°C/68°F)	9.603 lb/USgal \pm 0.100	VOCs (%)	4.95 \div 5.09
Specific Weight (at 20°C/68°F)	1,150 g/l \pm 10	VOCs (lb./USgal)	0.475 \div 0.500
Solid Content % by Volume	36.5%	VOCs (g / l)	57.3 \div 59.3
(Average theoretical value according with ISO 3233-3:2015)			
Solid Content % by Weight	45% \div 46%		
Viscosity DIN Ø 6 (at 20°C/68°F)	n.a.	Pot Life see notes	n.a.
Viscosity Brookfield (at 20°C/68°F)	40,000 cps \pm 2,000	Shelf Life see notes	12 months

PREPARATION OF THE PRODUCT:

	by volume			by weight	
LWY 601	10 parts	100%		10 parts	100%
Water (#) or LZD 786	0,5-1 part	5-10%		0,5-1 part	5-10%

AMMOUNT TO APPLY:

250-350 wet micron (10-14 wet mils), required amount to ensure an excellent outdoor resistance.

Follow TDs LWY 601

APPLICATION & OPERATIVE CONDITIONS:

For optimal use, in accordance with our experience, we recommend applying the product using airless or air mix pumps, with 1/35 compression ratio.

During the winter period, to improve wettability, it is optionally possible to dilute with water or LZD786 at 5-10%, or use a pre-heater with temperature between 35°-45°C (95°-113°F).

Recommended nozzles and pressure:

- 009-011 for windows and frames (inches)
- 013-015 for blinds and shutters (inches)
- Pump pressure: 3.5-4.5 bar

In case, with conventional spray gun, it is recommended the dilution at least at 10% with water or LZD786. Recommended nozzles: 25-30 (diameter 2.5 to 3.0 mm)

SUGGESTED CYCLES:

- | | | |
|---------------|-------------------------------------------------|---------|
| a) Substrate: | Spruce, pine, hemlock, other coniferous species | |
| Impregnator: | LWW 200 neutral or LWW274 white - IDROSIV | |
| Primer: | LWY 512 White - IDROVER | 1 layer |
| Sanding: | 220-240 grain paper | |
| Topcoat: | LWY 601 – IDROFLAT TIX | 1 layer |
| b) Substrate: | Spruce, pine, hemlock, other coniferous species | |
| Impregnator: | LWW 200 neutral or LWW274 white - IDROSIV | |
| Sanding: | 220-240 grain paper | |
| Self-Sealer: | LWY 601 – IDROFLAT TIX | 1 layer |
| Drying: | around 4 hours (no sanding) | |
| Self-Sealer: | LWY 601 – IDROFLAT TIX | 1 layer |

DRYING-TIME (at 20°C/68°F)

Dust-free	20 min.
Dry to touch	almost 1 hour
Over coatable (as self-sealer)	4-6 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 temperature below than 5°C (41°F)

Follow TDs LWY 601

NOTES:

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%.

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

The Shelf life refers to products preserved in original, sealed containers.

KEEP AWAY FROM FROST.

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

TDs LWY 601 – 2018, 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.