

TECHNICAL DATA

| | |
|-------------------|--------------------------|
| PRODUCT | LWM 010 |
| DEFINITION | ICE EFFECT – Water based |
| THINNER | Product ready for use |

MAIN FIELD OF USE:

For objects in general and furnishings.
 It can be applied on MDF or wood (tight grain, not open pore) surfaces; prepared with properly applied primers.

PROPERTIES:

Water-based, single component varnish. Not necessary to add any hardener, cross-linker or reducer. The product is designed to obtain the characteristic “ice – liquid crystal effect”.
 It can be applied on PU or WB primers, properly sanded. For best results, use a PU primer.

CHEMICAL-PHYSICAL PROPERTIES:

| | | | |
|--|------------------------|----------------------|---------------|
| Specific Weight (at 20°C/68°F) | 9,019 lb./USgal ± 0.10 | VOCs (lb./USgal) | 0.403 ÷ 0.419 |
| Specific Weight (at 20°C/68°F) | 1.080 g/l ± 10 | VOCs (g / l) | 48.2 ÷ 50.2 |
| Solid Content % by Weight | 42.5% ± 0.5 | VOCs (%) | 4.8 ÷ 5.0 |
| Solid Content % by Volume | 37.5% ± 0.5 | | |
| (Average theoretical value according with ISO 2322-3:2015) | | | |
| Viscosity DIN Ø 4 (at 20°C/68°F) | 15” ÷ 16” | Shelf Life see notes | 6 months |
| Theor.Coverage (1 dry mil) | 578 ÷ 592 sqft/USgal | | |
| | | | |

PREPARATION OF THE PRODUCT:

| | by volume | | by weight | |
|---------|-----------|------|-----------|------|
| LWM 010 | 10 parts | 100% | 10 parts | 100% |
| Water | 0 parts | 0 % | 0 parts | 0% |

DRYING-TIME (at 20°C/68°F)

| | |
|------------------------|------------------------------|
| Flash-off/dry to touch | 30 minutes / 1 hour |
| Over-coatable | min. 1 hr. / max. 12-16 hrs. |

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

Follow TDs LWM 010

APPLICATION BY SPRAY – Drying at room temperature

- 1) Prepare the substrate with proper primer, preferably pigmented (to valorize the effect of LWM 010).
 - 2) Once dried, sand and apply LWM 010 in the delivery form. The suggested thickness is 3-4 wet mils. To obtain a uniform effect, the thickness must be regular in all surface and not too low.
 - 3) After about 1 hour apply a coat (3 wet mils) of LTT350 (#) to support the ice effect and to have the desired color.
 - 4) After about 30 minutes, apply again with clear acrylic 2K solvent based, matt or glossy, according with the final effect desired.
- (#) All products of the LTT3xx - P series can be used, even possibly shaded with the pastes LXT010, LXT013, LXT015
-

REMARK:

Apply and dry the LWM 010 in environment NOT so cold. Ideal condition: 68-77°F and 50% of relative humidity.

Apply the product with quite low pressure: 2,5 atm and 1,5 – 1,8 nozzle tips.

It is possible to force the drying of LWM 010 using oven at 122 – 140°F; in this case consider that the final effect will be different respect a drying at room temperature.

To obtain always the same effect, the applying conditions must be repeatable.

STORAGE:

The product must be stored at temperatures between 12 and 30°C / 53 and 86°F.

The product is considered stable for 6 months from the date of shipment in the original sealed packaging.

TDs LWM 010 – 2019, November – revision NA04

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.