

### TECHNICAL DATA

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| PRODUCT CODE/NAME | <b>LXC 7100 – CONVERTER</b>                                                                |
| DESCRIPTION       | NEUTRAL PU MATT SELF-SEAL – for EXTERIOR                                                   |
| HARDENER(S)       | LCB 060 at 50% by weight (Non-Yellowing)                                                   |
| THINNER(S)        | LZD 096 or LZD 083 or LZD 091<br>for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i> |

#### **MAIN FIELD OF USE:**

For garden furniture, nautical furniture, doors and windows frames. For application on outdoor wooden items.

#### **PROPERTIES:**

Neutral converter for the preparation of colored lacquers, by the addition of pigmented pastes of LXT 8xx series, in the ratio 75% converter – 25% pigmented pastes.

Excellent elasticity, filling power, verticality and matting uniformity. Good yellowing resistance.

#### **GLOSS LEVELS AVAILABLE:**

LXC 7100     30 ± 2 (with pastes)

#### **CHEMICAL-PHYSICAL PROPERTIES:**

|                                                            |                         |                          |              |
|------------------------------------------------------------|-------------------------|--------------------------|--------------|
| Specific Weight (at 20°C/68°F)                             | 10.689 lb/USgal ± 0.100 | VOCs ( % )               | 39 ÷ 41      |
| Specific Weight (at 20°C/68°F)                             | 1280 g/l ± 10           | VOCs ( lb./USgal)        | 4.19 ÷ 4.35  |
| Solid Content % by Volume                                  | 39.4%                   | VOCs ( g / l )           | 502 ÷ 522    |
| (Average theoretical value according with ISO 3233-3:2015) |                         |                          |              |
| Solid Content % by Weight                                  | 58% ÷ 60%               |                          |              |
| Viscosity DIN Ø 8 (at 20°C/68°F)                           | n.a.                    | Pot Life     see notes   | About 4 hrs. |
| Viscosity Brookfield (at 20°C/68°F)                        | 4500-5300 cps.          | Shelf Life     see notes | 12 months    |
|                                                            |                         |                          |              |
|                                                            |                         |                          |              |

#### **PREPARATION OF THE PRODUCT:**

|                            | by volume |        |  | by weight |        |
|----------------------------|-----------|--------|--|-----------|--------|
| LXC 7100 (with pastes)     | 10 parts  | 100%   |  | 10 parts  | 100%   |
| Hardener LCB 060           | 6-7 parts | 60-70% |  | 5 parts   | 50%    |
| Thinner LZD xxx (standard) | 2-3 parts | 20-30% |  | 1-3 parts | 10-30% |
|                            |           |        |  |           |        |

To improve elasticity and yellowing resistance, there is the possibility to catalyze with the hardener LCB 100. In this case the ratio by weight is 40% and 50% by volume. Using LCB 100 the drying time becomes slower and the final gloss level is increase up to 40.

Follow TDs LXC 7100

| <b>APPLICATION:</b>                      | <b>AIRMIX</b> | <b>AIRLESS</b> |
|------------------------------------------|---------------|----------------|
| <b>QUANTITIES (<u>ready to use</u>):</b> |               |                |
| <b>1<sup>st</sup> coat (wet mils)</b>    | 4 ÷ 6         | 4 ÷ 6          |
| <b>DILUTION:</b>                         | 20-30%        | 20-30%         |
| <b>2<sup>nd</sup> coat (wet mils)</b>    | 4 ÷ 6         | 4 ÷ 6          |
| <b>DILUTION:</b>                         | 10-20%        | 10-20%         |
| <b>Maximum amount to apply</b>           | 12 wet mils   | 12 wet mils    |

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**SUGGESTED CYCLE:**

- |                                                                |                                                          |         |
|----------------------------------------------------------------|----------------------------------------------------------|---------|
| a) Substrate: Seasoned solid wood, properly sanded             |                                                          |         |
| Primer:                                                        | <b>LXC 7100 + LXT pastes – Self-Seal PU lacquered EX</b> | 1 layer |
| Sanding:                                                       | 240-280 grain paper                                      |         |
| Topcoat:                                                       | <b>LXC 7100 + LXT pastes – Self-Seal PU lacquered EX</b> | 1 layer |
| b) Substrate: Seasoned solid wood, deep grain, properly sanded |                                                          |         |
| Isolator:                                                      | LDA 020 ISOLATOR (drying 120 min without sanding)        |         |
| Primer:                                                        | <b>LXC 7100 + LXT pastes – Self-Seal PU lacquered EX</b> | 1 layer |
| Sanding:                                                       | 240-280 grain paper                                      |         |
| Topcoat:                                                       | <b>LXC 7100 + LXT pastes – Self-Seal PU lacquered EX</b> | 1 layer |
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**DRYING-TIME** (at 20°C/68°F)

|                                 |             |
|---------------------------------|-------------|
| Dust-free                       | 20-25 min.  |
| Dry to touch                    | 90-120 min. |
| Over coatable (with sanding)    | 12 hrs.     |
| Over coatable (without sanding) | 2-4 hrs.    |
| Thoroughly dry                  | > 24 hrs.   |

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**NOTES:**

Using LZD 083 can be improved flowing and levelling during application.

Be sure that the substrate has the humidity content between 15-18%.

Do not use on substrates chemically bleached.

Due to its characteristics, the product cannot be used as transparent multi-coat.

**STORAGE:** Keep in a fresh and well-ventilated place; preferably not exceed 30°C/86°F.

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**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.