

# TW182-XX

Clear Waterborne top coat, two-component. Anti-scratch.

## Technical data sheet

### PRODUCT OVERVIEW

|                      |                                                                                                                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General properties   | High chemical-physical properties High blocking resistance Good verticality                                                                                                                                           |
| Recommended use      | Doors Stairs Table                                                                                                                                                                                                    |
| Application method   | Spray gun Air less Air mix                                                                                                                                                                                            |
| Main characteristics | Topcoat with excellent chemical-physical properties, low voc, 0 emission. It can be used as a self- sealer, in two coats. TW182-XX needs to be hardened with HW14 or HW15 at 10% by weight. If necessary, reduce with |

### GLOSS LEVELS AVAILABLE

|              |                                          |
|--------------|------------------------------------------|
| Gloss levels | 5 gloss · 10 gloss · 30 gloss · 90 gloss |
|--------------|------------------------------------------|

### CHEMICAL AND PHYSICAL CHARACTERISTICS (20 °C)

|                   |             |
|-------------------|-------------|
| Solid Content (%) | 32 ± 2      |
| Density (g/cm3)   | 1,04 ± 0,02 |

### APPLICATION PROPERTIES

|                                      |                   |
|--------------------------------------|-------------------|
| Vertical Hold (µm wet)               | 140               |
| Recommended N° of coats              | 1-2               |
| Recommended quantity per coat (g/m²) | min: 125 max: 140 |
| Metric yield (m²/kg)                 | 4-6               |

### APPLICATION INSTRUCTIONS

| Equipment              | Dilution % | Nozzle  | Press. air / bar | Press. varnish / bar |
|------------------------|------------|---------|------------------|----------------------|
| Conventional spray gun | 10 - 20    | 2 - 2,5 | 3-4              | --                   |
| Air mix                | --         | 09 - 11 | 1-2              | 80 -110              |
| Air less               | --         | 09 - 11 | --               | 120 -150             |

### DRYING

Dry at 20°C and UR% between 45 - 65: 120 g/m2 Dry in tunnel: 120 g/m2

|           |                             |
|-----------|-----------------------------|
| Dust free | 30 minutes Temperature Time |
| Handling  | 60 minutes                  |
| Overcoat  | 2 - 4 hours                 |
| Stackable | 8 - 12 hours                |

Dry in tunnel: 120 g/m2

| Stage       | Temperature | Time       |
|-------------|-------------|------------|
| Flash Off   | 30 °C       | 10 minutes |
| Laminar Air | 45 °C       | 30 minutes |
| Cooling     | 20 °C       | 10 minutes |

#### RECOMMENDED CYCLE

1. Apply one coat of stains from GALA-PRO stain line
2. After 2 hours apply the first coat of TW182-XX, 125-150 grams per sq/mt or clear sealer NWIF149539.
3. Sanding after 12 hours, with sandpaper 240-320
4. Apply the final coat of TW182-XX.

#### NOTES AND REMARKS

- ☐ Mix the product before use. ☐ The shelf life is 12 months if the products are stored at temperature between 5 - 35°C. ☐ The product application must be done at a temperature no less than 12°C. Coatings applied at lower temperatures will show chemical and mechanical properties lower than standard performances that can be normally achieved. ☐ Coating left overs (washing waters, waters from spray booths, used coatings) must be disposed according to local regulations.
- Never dispose residues directly into drains. ☐ Application tools must be cleaned with water after use.

#### DISCLAIMER

The data provided in this technical sheet correspond to the values and characteristics of the product offered, in relation to our skills and experience. GALA-PRO guarantees the physical-chemical characteristics of its products, as well as their consistency. However, responsibility for the final result of the product application rests with the user, who must ensure that the selected product corresponds to their application needs and to the type of substrate selected. The viscosity level of highly thixotropic products may differ from the value reported in this technical data sheet; to be considered acceptable, this value should differ by a maximum of 30% from the reported value.