

### AQUA BRIGHT CLEAR G 100

Waterborne Topcoat transparent Two component

| Main product characteristics      |                                                                                                                                                                                                               |                             |            |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|
| Typical Proprieties :             | Good hardness                                                                                                                                                                                                 | Good outline of pore traces | High gloss |
| Recommended use for :             | Furniture                                                                                                                                                                                                     | Panels                      | Doors      |
| Applications Method:              | By conventional Spray gun                                                                                                                                                                                     | Air less                    | Air mix    |
| Preparation product:              | Add CW 7800 hardener at 30%.<br>To obtain the right viscosity, it is necessary to add water from 10% to 20 %.<br>NOTE: before adding the hardener, stir the product very well.                                |                             |            |
| In case of application of 2 coats | We recommend the application of one coat only.<br>If two coats are required, it is necessary to wait 48 hours between the first and the second coat, through the sanding process with sand-paper grit 400/500 |                             |            |

| Gloss levels available |  |  |  |
|------------------------|--|--|--|
| 100 gloss              |  |  |  |

| Chemical – Physical characteristics (20 °C) |               | Application Properties                             |                  |
|---------------------------------------------|---------------|----------------------------------------------------|------------------|
| Solid Content (%)                           | 37 ± 1        | Vertical Hold (µm wet)                             | 140              |
| Specific Gravity (g/cm <sup>3</sup> )       | 1,038 ± 0,020 | Recommended N° of coats                            | 1                |
| Viscosity DIN 4 (s)                         | 80 - 100      | Recommended quantity per coat (gr/m <sup>2</sup> ) | min: 80 max: 120 |
| Pot life                                    | 3 hours       | Metric yield (m <sup>2</sup> /kg)                  | 8 - 10           |

| General information                                       |              |                                     |                |            |
|-----------------------------------------------------------|--------------|-------------------------------------|----------------|------------|
| Dry at 20°C and UR% between 45 - 65: 100 g/m <sup>2</sup> |              | Dry in tunnel: 100 g/m <sup>2</sup> |                |            |
| Dust free                                                 | 60 Minutes   |                                     | Temperature    | Time       |
| Handling                                                  | 10 -12 Hours | Flash Off                           | 30 °C          | 10 minutes |
| Overcoat                                                  | 4 - 6 Hours  | Laminar Air                         | 45 °C          | 30 minutes |
| Stackable                                                 | 48 Hours     | Cooling                             | 20 °C          | 10 minutes |
| Buffing                                                   | 72 Hours     | Stackable                           | At Tunnel exit |            |

#### Substrate Preparation

It is recommended to pre-apply PU or PE sealer/undercoat. Before apply Aqua Bright 2K, the sealer/undercoat must be completely dried and sanded with sand-paper grit 320/400.

#### Application Instructions

To obtain the best results it is necessary to use the right equipment in order to better atomize the varnish. Here follows some suggestions for spraying applications:

| Use                    | Dilution % | Nozzle  | Press. Air / bar | Press. Vanish / 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           |

The use of pre-atomizers ensures a correct application regardless the room temperature. The drying process should be carried out in environments with adequate air ventilation (the recycle of air in the drying room should be carried out every 15-20 minutes).

#### Note and remarks

- Mix the product before use.
- The shelf life is 12 months if the products are stored in an environment with temperature between 5 - 35°C.
- The product application on substrate must be done in an environment with 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. When dry films must be removed, the special detergent **HYDROCLEANER** should be used, letting it work overnight and then cleaning with water.

#### Additives

| Problems / Requirements                             | Solutions               | Quantity to be used |                 |
|-----------------------------------------------------|-------------------------|---------------------|-----------------|
|                                                     |                         | %                   | Grams per 25 kg |
| Craters/Cissing caused by environment contamination | Soluzione Antischivante | 0.5 max.            | 125 gr.         |
| How to increase the verticality                     | Soluzione Addensante    | 2 - 5 max           | 500 -1250 gr.   |
| How to slow down the drying process                 | WB Retarder             | 5 - 20 max          | 1250 - 5000 gr. |