



Renner Italia S.p.A.
Via Ronchi inferiore, 34
40061 MINERBIO (BO)

YO XXU765/XXXXX

Wb topcoat converter for interior

Main properties:

| | |
|--|--|
| <ul style="list-style-type: none"> Excellent building and soft touchness Excellent vertical hold | <ul style="list-style-type: none"> High coverage properties Quick drying |
|--|--|

Versions

| | | | |
|-------------|----------------|-------------|------------------|
| 30U765/ SBN | 30 gloss white | 30U765/ NTR | 30 gloss Neutral |
|-------------|----------------|-------------|------------------|

| | |
|-------------------------------|--|
| Recommended use: | <ul style="list-style-type: none"> General use Furniture Electrostatic application |
| Application method: | Spray: conventional air gun, airmix, airless, ready to use; if need, thinning with tap water and/or add the crosslinker YC M407 (quantity from 0,5 to 1%) |
| Blending instructions: | to get isolating properties or to have a better adhesion on solvent based basecoat, the product YOXXU765/ XX can be catalysed with YC---M404 at 4-5%. |

Chemical-physical properties (at 23 °C)

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|--------------------------|--|
| Solid content | 37 ± 3 |
| Specific gravity (g/cm³) | SBN 1,150 ± 0,030 NTR 1,040 ± 0,030 |
| Viscosity Brookfield | Vel. 20 gir. 5 6000 ± 500 cps |
| pH | 7 - 9 |

Application properties

| | |
|--------------------------------------|-------------------|
| Vertical application (wet µm) | 220 |
| Recommended N° of coats | 1/2 |
| Recommended quantity per coat (g/m²) | min: 150 max: 200 |
| Interval between coats | At least 4 h |
| Spreading rate (m²/liters) | 5 - 8 |

General remarks on the application system

| | |
|---|------------|
| Drying at 20°C and 45 – 65 RU%: 120 g/m² | |
| Dust free | 45 minutes |
| Handable | 2 h |
| Overcoatable | 4 h |
| stackable | 12 h |

| | | |
|--------------------------------|-------------|------------|
| Forced drying: 120 g/m² | | |
| | Temperature | Time |
| Flash Off | 30 °C | 5 minutes |
| Laminar air | 45 °C | 30 minutes |
| Cooling | 20 °C | 5 minutes |
| Stackable | 2 h | |

Substrate preparation: Clean very well the basecoat with 320-400 grit paper. YO XXU765/XXXXX can be applied on water based, PE or UV basecoat. Do not overcoat with nitro or PU basecoats.

Application instructions: To obtain the best results, it is recommendable not to thin with water but to choose the best application conditions that allow the maximum atomization. The pot-life of the catalysed product is 3-4 hours. Here are some general guidelines suggested for spray application

| | Thinning ratio % | Nozzle | Air pressure | Coating pressure |
|------------------------|------------------|--------|--------------|------------------|
| Conventional spray gun | 4 - 6 | 2 -2,5 | 3 - 4 | -- |
| Airmix | -- | 11 | 0 - 2 | 80 - 110 |
| Airless | -- | 11 | -- | 120 - 150 |

The use of pre atomizers and pre heaters (with temperatures between 30 and 40 °C) ensures better application constancy whatever it is the ambient room. Drying should be carried out in areas with good air ventilation (the whole volume of air of the drying room should be renewed every 15-20 minutes).

For further information regarding the use of waterborne products, please refer to the Main Guide.

General remarks

- Mix well before use.
- If properly stored at temperatures between 5 and 35°C, shelf life is 12 months
- On application the temperature of the product, the substrate, the coating and the working environment should never fall below 15°C. Coatings applied at lower temperatures will show chemical and mechanical properties lower than standard performances that can be normally achieved.
- Coating left over (washing waters, waters from spray booths, used coatings) must be disposed of according to local regulations. Never dispose of residues directly into drains.
- Application tools must be cleaned with water after use. When dry films must be removed, **AY---M460**, special detergent should be used, letting it work overnight and then cleansing with water

| What to do in order to..... | Add | % of use | |
|---|----------------|----------|---------------------|
| | | % | Grams for 25 liters |
| Slow down drying time | AY M444 | 1 - 2 | 250 - 500 |
| Improve viscosity | AY M453 | 0,2 - 4 | 50 - 1000 |
| Eliminate cissing | AY M457 | 0,2 - 1 | 50 - 250 |
| Improve chemical resistance and stack ability | YC M407 | 0,5 - 1 | 125 - 250 |