

CLEAR COAT 2:1 OSCCAR 910 MS

Characteristics:

Medium solid clear coat, characterized by good flow, UV resistant (non-yellowing) and scratch resistant. High hardness, good chemical, mechanical and weathering resistance. Suitable for applications in spray booths and areas adapted for painting. Clear coat was designed for use on solvent- and waterborne base coat.

Application:

Mixing ratio: 2:1 by volume. Mix thoroughly.

Apply with a spray gun with nozzle diameter 1,3 - 1,4 mm in 2 normal coats with 5 - 10 min. flash off between the coats.

Note: Drying at the ambient temperature extends a curing time.

Technical data:

VOC content: 2004/42/IIIB(e)(840) 521

Clear coat 910 MS :

Shelf-life: 12 months Density: 0,956 g/cm³ Colour: colourless Efficiency: 5 m²/l

Hardener H910 :

Shelf-life: 12 months Density: 0,932 g/cm³ Colour: colourless



Mixing ratio 2:1

Clear (A) 100 vol.
Hardener (B) 50 vol.
Acryl thinner (C) 10 vol.



Spray viscosity

Pot life: up to 1 hours at 20°C
16 - 17 sec. at 20°C, Ford cup 4 mm



Spray gun

Nozzle diameter: 1,2 - 1,3 mm
Air pressure as recommended by the spray gun manufacturer
2 - 3 bar



Application

2 normal coats
Film thickness: 40 - 45 µm



Flash - off

5 - 10 min. at 20°C



Drying time

| | hardener standard H910 | hardener fast FH910 |
|-------------------------|----------------------------------|-------------------------------|
| Drying at 55 °C | 45 min. | 25 min. |
| Dry through at 20°C | 12 - 14 h | 6 - 7 h |
| Polishing at 20°C | 18 - 20 h | 9 - 10 h |
| Total hardness at 20 °C | 4 - 5 days | 3 - 4 days |



Infrared drying

Short and medium wave: 10 min.