




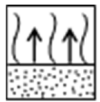





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|-----|------------|--------------|---------------------|--|------------|
| 1/1 | Category | Clearcoat 2K | |  | |
| | TDS number | NO_21_23 | Registration number | | 000024104 |
| | SDS number | SDS_NO_3_01 | Date of issue | | 28.09.2021 |

SUPERB CLEAR 8100

HS Clearcoat

| | | | | | | | | |
|------------------------|---|--|---|---|--|--|-------------------------------------|--|
| PROPERTIES | TYPE HS | | DESCRIPTION: HS clearcoat with special SR (Scratch Resistance) additives. Modern resins give coating with excellent gloss and very high final hardness. The use of unique additives guarantees excellent weather and UV resistance. Appropriate viscosity and high solid content allows application without or with addition of thinner. SUPERB CLEAR 8100 allows to achieve any necessary structure, including OEM orange peel effect. | | | | | |
| | HARDENER HARD 90-800 | | | | | | | |
| | AVAILABLE HARDENERS FAST, STANDARD, SLOW, EXTRA SLOW | | | | | | | |
| COMPLEMENTARY PRODUCTS | | | PLUS 750 ACCELERATING AGENT | PLUS 760 ANTISILICONE ADDITIVE | PLUS 770 ELASTICITY INCREASING AGENT | THIN 890 FADE OUT THINNER | THIN 80-850 ACRYL THINNER | |
| SUBSTRAT | SPECTRAL BASE 2.0 SPECTRAL WAVE 2.0 | | Properly applied and dried layers of SPECTRAL basecoats | | | | | |
| | CAUTION | | Clearcoat is compatible with majority solventborne and waterborne basecoat available on the market | | | | | |
| MIXING RATIO |  | SUPERB CLEAR 8100 | | VOLUME | WEIGHT | VOC II/B/e limit * | 8400 g/l | |
| | | HARD 90-800 | | 2 | 100 g | VOC content | 490 g/l | |
| | | THIN 80- 850 | | 1 | 50 g | * for ready to use mixture acc. to UE Directive 2004/42/CE | | |
| | | | | 0-10% For component A | 0-9 g | | | |
| APPLICATION |  | Viscosity DIN 4 in 20°C 17-19 s | |  | 0% THIN 80-850 ½ layer + 1 layer 10% THIN 80-850 1 layer + 1 layer Apply thin closed or full layer, flash off, apply 1 full wet layer | | | |
| | | | | | Single dry layer thickness 25 ÷ 30 µm Maximum thickness of the clearcoat 70 µm | | | |
| |  | Nozzle: Ø 1.2-1.4 mm | |  | 5-10 min / 20°C Flash off time depends on spraying booth It is recommended to apply the clearcoat at temperatures above 15°C and in humidity of no more than 70%. | | | |
| | | Pressure 1.7-2.2 bar | | |  | Potlife 45 min / 20°C with HARD 90-800 FAST, 60 min/20°C with HARD 90-800 STANDARD/SLOW/EXTRA SLOW | | |
| HARDENER SELECTION | Size/number of elements | | 15 – 20 °C | 20 – 25 °C | | 25 – 35 °C | + 35 °C | |
| | Spot repair 1-2 parts | | HARD 90-800 FAST THIN 80-850 FAST | HARD 90-800 STANDARD THIN 80-850 STANDARD | HARD 90-800 STANDARD THIN 80-850 STANDARD | HARD 90-800 SLOW/ EXTRA SLOW THIN 80-850 SLOW | | |
| | Middle 3-5 parts | | HARD 90-800 FAST THIN 80-850 STANDARD | HARD 90-800 STANDARD THIN 80-850 STANDARD | HARD 90-800 STANDARD THIN 80-850 SLOW | HARD 90-800 SLOW/ EXTRA SLOW THIN 80-850 SLOW | | |
| | Large 5-10 parts | | HARD 90-800 STANDARD THIN 80-850 STANDARD | HARD 90-800 STANDARD THIN 80-850 STANDARD | HARD 90-800 SLOW THIN 80-850 SLOW | HARD 90-800 SLOW/ EXTRA SLOW THIN 80-850 SLOW | | |
| | Very large 8 - 13 parts | | HARD 90-800 STANDARD THIN 80-850 STANDARD | HARD 90-800 STANDARD THIN 80-850 SLOW | HARD 90-800 EXTRA SLOW THIN 80-850 SLOW | HARD 90-800 EXTRA SLOW THIN 80-850 SLOW | | |
| DRYING TIME | with HARD 90-800 STANDARD | | 20°C | 60°C |  | 10 min SHORT WAVES Heating 10 min after final layer distance 50 - 70 cm temp. max. 90°C | | |
| | Dust free | | 30 min | 5 min | | | | |
| | Operating hardness | | 10 hours | 30 min + 3 hours /20°C | | | | |
| | Final hardness | | 5 days | 30 min + 3 days / 20°C | | | | |
| CAUTION |  | USE PERSONAL SAFETY EQUIPMENT | SEE SAFETY DATA SHEED SEE GENERAL CONDITIONS FOR PROFESSIONAL USE ONLY | | SHELF LIFE | | | |
| | | | | | SUPERB CLEAR 8100 24 months/20°C | HARD 90-800 STANDARD, SLOW EXTRA SLOW: 18 months/20°C FAST: 12 months/20°C | | |