

SPECTRAL KLAR 515 (VHS)

Characteristics:

SPECTRAL KLAR 515 – acryl clearcoat with very high content of solid particles. Its high gloss, UV stability and weather resistance guarantee excellent appearance and durability of the coat.

KLAR 515 is compliant with Directive UE 2004/42/CE of 21 April 2004 about emission limitations of Volatile Organic Compounds (VOC).

KLAR 515 is compatible with all basecoats available on the market. It can be applied on water base coats.

Mixing ratio:

	by volume	by weight
SPECTRAL KLAR 515	2	100
Hardener H 6115	1	50

Note: do not diluate, do not use Acryl Thinner SOLV 855.

Complementary articles:

Hardener H 6115 Standard and Fast

Acryl Thinner SOLV 855.

Elasticity Increasing Agent PLAST 775.

Potlife:

Using Standard Hardener:

ca. 1 hour at the temperature of 20°C

Using Fast Hardener:

ca. 30 min. at the temperature of 20°C

Spray viscosity, nozzle, pressure:

DIN 4/20°C 17÷19 s, Ø1.2÷1.3mm, 2÷4 bar

Contents of volatile organic compounds:

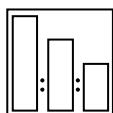
VOC limit (cat. B/4) = 420g/L (ready to apply mixture)

VOC=415 g/L

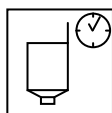
Volatile organic compound (VOC) compliant with Directive UE 2004/42/CE of 21 April 2004.

Procedure:

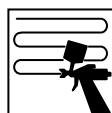
The clearcoat is applied on previously sprayed and dried layers of the basecoat. Spray one and half layer without thinning, leaving time of 5÷10 min for evaporation between applying layers, depending on the temperature and the thickness of the layer. 10 min after the last layer was applied the coat can be forced-dried.



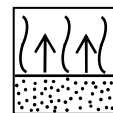
2 + 1 + 0%



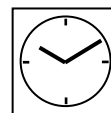
DIN 4/20°C
17-19 s



1.5 x (60µm)
2-4 bar Ø 1.2 - 1.3 mm



5÷10 min



Operation hardness
14 hours/20°C
45 min./60°C

Layer thickness:

Ca.60 µm – 1.5 layer.

Application:

- Hardener H6115 Fast

Use for small and larger repairs. Recommended working temperature below 18°C.

- Hardener H6115

Use for small and larger repairs as well as for complete body painting. Recommended working temperature 18 - 25°C.

Drying time:

- At the temperature of 20°C

	Acryl Clearcoat SPECTRAL KLAR 515	
	Hardener H 6115 Fast	Hardener H 6115 Standard
Dust-free	40 min.	60 min.
Tack-free	2.5 h.	4 h.
Operation hardness	12 h.	14 h.
Final hardness	5 days	7 days

- At the temperature of 60°C

	Acryl Clearcoat SPECTRAL KLAR 515	
	Hardener H 6115 Fast	Hardener H 6115 Standard
Dust-free	5 min	5 min
Tack-free	10 min	10 min
Operation hardness	35 min.	45 min.
Final hardness	50 min.	60 min.

Yield:

A set (1.0L of SPECTRAL KLAR 515 + hardener in recommended ratio) is enough to get ca. 14 m² of 60 µm thickness dry layer.

Colour:

Colourless

Tools cleaning:

Spectral SOLV 855 thinner for acrylic products or solvent for cellulose nitrate based products.

Storage time and condition:

Store in a dry, cool place, away from sources of fire and heat. Direct sunlight should be avoided.

SPECTRAL KLAR 515: 24 months at a temperature of 20°C.

Hardener H 6115: 9 months at a temperature of 20°C .

Industrial safety:

See Safety Data Sheet of this article.

Notice:

The clearcoat should be used only with hardener H 6115.

Use another hardener can cause worse anticorrosive, chemical and mechanical properties.