

## SPECTRAL KLAR 575 (SR)

**Characteristics:**

**SPECTRAL KLAR 575** is an acrylic clear coat with increased scratch resistance (SR). Very easy application, good fluidity and fast drying facilitate painting and reduce the work time in a spray booth. High hardness, high gloss, UV stability and weather resistance guarantee excellent appearance and durability of the coat. SPECTRAL KLAR 575 is compatible with all base coats available on the market.

**Mixing ratio:**

	by volume	by weight
SPECTRAL KLAR 575	2	100
Spectral H 6125 hardener	1	50
SOLV 855 thinner for acrylic products	20 %	18

Amount of solvent calculate on clearcoat.

**Compatible with these products:**

Spectral H 6125 Hardener Standard, Fast.  
Spectral SOLV 855 Thinner for acrylic products – fast, normal, slow.  
Elasticity Increasing Agent PLAST 775.

**Pot life:**

approximately 8 hours at 20°C

**Spraying viscosity, spraying gun nozzle diameter, spraying pressure:**

After adding 20% of SOLV 855 thinner for acrylic products:

DIN 4/20°C 16÷18 s, Ø1.3÷1.4mm, 3÷4 bar

**Volatile Organic Compound (VOC) content:**

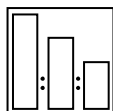
VOC limit (cat. B/5) = 840g/L (ready to apply mixture).

VOC = 565g/L

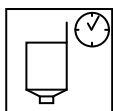
Volatile organic compound (VOC) compliant with Directive UE 2004/42/CE of 21 April 2004.

**Application procedure:**

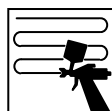
SPECTRAL KLAR 575 clear coat is applied on previously sprayed and dried layers of the basecoat. Spray two or three individual layers allowing each layer to evaporate for 5 to 10 minutes (depending on ambient temperature and layer thickness). 10 minutes after applying the last layer, it can be force-dried.



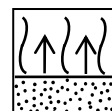
2+1+20%



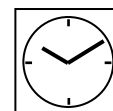
Dilute:  
DIN 4/20°C 16-18s



2 - 3 x, 3-4 bar,  
Ø 1.3 - 1.4 mm



5÷10 min



Operation hardness  
14 hours /20°C  
45 minutes /60°C

**Coat thickness:**

20÷25 µm for each layer.

**Application:**

- Spectral Hardener H 6125 Fast

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

**- Spectral Hardener H 6125 Standard:**

Use for minor and major repairs and for complete repainting. Recommended application ambient temperature 18 - 25°C.

**Curing times:**

- At the temperature of 20°C.

	SPECTRAL KLAR 575 acrylic clear coat	
	Spectral Hardener H 6125 FAST	Spectral Hardener H 6125 STANDARD
Dust-free	20 min.	25 min.
Tack-free	1.2 hours	3.0 hours
Operation hardness	12 hours	14 hours
Final hardness	5 days	7 days

- At the temperature of 60°C

	SPECTRAL KLAR 575 acrylic clear coat	
	Spectral Hardener H 6125 FAST	Spectral Hardener H 6125 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.

**Notice: Drying clearcoat with fast hardener in higher temperature can cause loss of gloss and necessity of polishing.**

**Yield:**

Complete mixture (1.0L of SPECTRAL KLAR 575 + hardener in recommended ratio) allows obtaining up to 11 sq metres of 50 µm thick dry coat.

**Colour:**

Clear (transparent).

**Cleaning of application equipment:**

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

**Storage time and conditions:**

Store in a cool, dry, ventilated area away from sources of heat and ignition. Keep away from direct sunlight.  
SPECTRAL KLAR 575 acrylic clear coat: 24 months at 20°C.  
Spectral H 6125 Hardener: 9 months at 20°C.

**Industrial Safety:**

For details, please refer to this product's Material Safety Data Sheet.

**Note:**

SPECTRAL KLAR 575 clear coat must be used with NOVOL H 6125 hardener only. Using other hardeners may reduce resistance to chemicals and UV radiation as well as mechanical strength of the clear coat.