

Clear Coat 2+1 FAST**Description:**

Two-components acryl clear coat with high contents of solid particles. Its hardness, high gloss, UV stability and weather resistance guarantee excellent appearance and durability of the coat. Only one and a half coat, good flow and fast drying ensures effort less repair and short time in spray booth. Clear Coat 2+1 FAST is compatible with majority of solvent basecoats and water basecoats available on the market. It can be applied on water base coats.

Mixing ratio:

	volume	weight
Clear Coat 2+1 FAST	2	100
Hardener	1	50

Amount of solvent calculate on clear coat.

Complementary products:

1. Hardener for clear coat 2+1 FAST (Fast, Standard, Slow)
2. Acryl Thinner (Fast, Standard, Slow)
3. Elasticity Increasing Agent
4. Accelerating Agent

Pot life:

Using Standard and Slow Hardener: About 8 h at the temperature of 20°C

Using Fast Hardener: About 2 h at the temperature of 20°C

Real level of Volatile Organic Compounds (VOC):

VOC = 560 g/l (ready to apply mixture)

Application:

- Hardener for clear coat 2+1 FAST; Fast Use for small and larger repairs.

Recommended working temperature below 18°C.

- Hardener for clear coat 2+1 FAST Standard

Use for small and larger repairs as well as for complete body painting.

Recommended working temperature 18 - 25°C.

- Hardener for clear coat 2+1 FAST Slow

Use for larger repairs. Recommended working temperature 25 - 40°C.

Viscosity, nozzle, working pressure:

Without thinner:

DIN 4/20°C 17÷19 s, Ø1.3÷1.4mm, 3÷4 bar

Thinned with 10% of Acryl Thinner THIN 850:

DIN 4/20°C 15÷17 s, Ø1.3÷1.4mm, 3÷4 bar

Instruction for use:

Before application sprayed and dried layers of the basecoat. Without thinner:

- one and half layer should be sprayed, with thinner
 - spray two or three layers, leaving time of 5÷10 min for evaporation between applying the layers, depending on the temperature and the thickness of the layer.
- 10 min after the last layer was applied the coat can be force-dried.

Layer thickness:

- without a thinner 2+1+0 %: app. 40-50 µm – one layer.
- thinned with 2+1+10%: 20÷30 µm for each layer.

Drying time:

Clear coat 2+1 FAST

	Dust-free	Tack-free	Operation hardness	End hardness
Hardener for clear Coat 2+1 FAST; Fast	In the temperature of 20°C			
	20 min.	1.5 h.	12 h.	5 days
	In the temperature of 60°C			
	5 min.	10 min	35 min	50 min

	Dust-free	Tack-free	Operation hardness	End hardness
Hardener for Clear Coat 2+1 Standard	In the temperature of 20°C			
	35 min	3.5 h	14 h.	7 days
	In the temperature of 60°C			
	5 min	10 min.	45 min.	60 min

	Dust-free	Tack-free	Operation hardness	End hardness
Hardener for Clear Coat 2+1 Slow	In the temperature of 20°C			
	40 min.	4.0 h.	14 h.	7 days
	In the temperature of 60°C			
	6 min	15 min	45 min	60 min.

Attention! The Clear Coat 2+1 FAST should be used only with hardener for clear coat 2+1 FAST.

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

* Product for professional use only. Do not compliant with Directive 2004/42/CE.

Yield:

A set (1.0L of + Clear Coat 2+1 FAST hardener in recommended ratio) is enough to get about 12 m² of 50 µm thickness dry layer.

Tools cleaning:

NC solvent or Ranal Acryl Thinner

Colour:

Colourless

Storage:

To be stored in dry and cool place, away from the sources of light and heat. Avoid sun exposure. Storage time of the product in the original package is equal to 24 months and of the hardener – 9 months in the temperature of 20°C.

Health and safety recommendations:

Apply safety data sheet of the particular product.

Packaging:

Art. No.	Capacity L:	Package, pieces:	Weight of the carton, kg
30806	0,8 L + 0,4L	6+6	

The product could be applied around the EU only when it meets the additional requirements of the Directive 1999/13/WE and national regulations which are the implementation of the directive mentioned above.

This information is based on careful, laboratory research and our long-standing experience. Strong market position does not absolve us from constant control of the quality of our products. However, we are not responsible for the final results after incorrect use of the product.

RANAL Sp. z o.o.