

SPECTRAL 2K *

Characteristics:

SPECTRAL 2K – is a two-component colour system consisted of acrylic mono-enamels and a hardener. Combination of 19 colored topcoats allows to achieve any colour based on the SPECTRAL software. SPECTRAL 2K acryl topcoat is characterized by ideal gloss, perfect hiding power, UV durability, changeable weather conditions and excellent adhesion. Good flow, cover and short dry time simplify the work. For use with new cars, transport vehicles, heavy transport vehicles, coaches, trailers, semi trailers, metal and plastic surfaces etc.

Substrates:

- acrylic, epoxy and polyurethane primers, old paint coatings (including thermoplastic paints), polyester laminates

Mixing ratio:

	by volume
SPECTRAL 2K Enamel	100
Spectral H 6005 hardener, Slow, Standard, Fast	30
Spectral Thinner SOLV 855, Slow, Standard, Fast	30

Complementary products:

SPECTRAL primers
Accelerating Agent PLUS 750
Additives of Spectral and Professional line

Potlife:

Using Spectral H 6005 hardener Standard and Slow:

ca. 6 hours at the temperature of 20°C

Using Spectral H 6005 hardener Fast:

ca. 2 hours at the temperature of 20°C

Spray viscosity, nozzle, pressure:

Thin with an Acryl Thinner SOLV 855 approx. 20%:

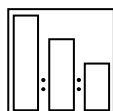
DIN 4/20°C 18÷22 s, Ø1.3÷1.4mm, 3÷4 bar

Substrates preparation:

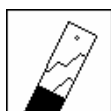
Old paint coatings: degrease and matt dry P400÷P500 or dry wet P800÷P1000

Procedure:

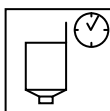
OPTIC Acryl Topcoat should be applied on finish and degreased surfaces. Apply two or three single layers leaving 5 ÷ 10 min time for evaporation after each one (depends on the temperature and the thickness of the layer). 15 min after the last layer was applied the coat can be force-dried. **In order to improve hiding power, use SPECTRAL primers with a proper shade of gray!**



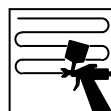
Enamel 100
Hardener 30
Thinner 30



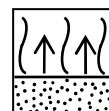
Measuring stick
3:1:1



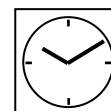
Thinned:
DIN 4/20°C
18÷22s



2÷3 x, 3÷4 bar
Ø 1.3 - 1.4 mm



5÷10 min.



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

Dry layer thickness:

20÷30 µm

Application:

- first coat: SPECTRAL Mix primer with a proper shade of gray
- second coat: SPECTRAL 2K Topcoat

Drying time:

Dust-free:

15 min. at 20°C or 5 min at 60°C

Tack-free:

2 hours at 20°C

Operation hardness:

14 hours at 20°C or 45 min at 60°C

Final hardness:

After 7 days at 20°C

Appearance (without adding matting additive):

Full gloss

Yield:

A set (1L of SPECTRAL 2K Enamel + hardener in recommended ratio) is enough to get ca. 10.5 m² of 50 µm thickness dry layer.

Tools cleaning:

Acryl Thinner SOLV 855.

Storage time and condition:

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

Spectral 2K Enamel: 24 months at 20°C

Spectral H 6005 hardener, Slow, Standard, Fast: 9 months at 20°C

Industrial safety:

See Safety Data Sheet of this article.

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

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

Effectiveness of our systems results from lab research and many years long experience. We guarantee high quality provided that our recommendations are observed and the works are performed according to the good craftsmanship practice. We may not be held liable for defects if the final results are affected by factors beyond our control.

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