



"USP BULGARIA" LTD.

Bulgaria, Sofia

1582, jk "Druzhba" 2

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## Diamant HS

Clearcoat containing a large amount of solids, it is characterized by high hardness, weather-resistance, UV-resistance and impact-resistance. The coating does not chip off even after strong strokes of stones. Excellent gloss effect, levelling and flexibility of the layer provide perfect appearance of the final coating.

It is a clearcoat for spray gun application in the system of 1.5 layers, making it economical and very efficient. 2K MS Diamant Hardener is required.

### CONTENTS OF VOLATILE ORGANIC COMPOUNDS:

VOC = 505 g/L without hardener

VOC = Max. incl. VOC in the finished product for use with a hardener and diluent do not exceed 626 g/L

### ATTENTION!!!

**Clearcoat Diamant complies with the standard of VOC set out in EU**

**Directive Qualified for CAT B/5**

**GLOSS:** Output gloss: 97.

**COLOR:** Colorless



## For professional use only

**MIXING SUGGESTIONS:** Clearcoat : Hardener = 1:2

Acrylic Thinner– 10-15% weight of clearcoat with hardener to obtain a complete fluidity.

Without solvent in order to achieve the delicate structure.

**APPLICATION LIFE WHEN MIXED WITH HARDENER:** Using the standard hardener: about 1 hour at 20°C

### CONDITIONS OF APPLYING

**Spraying viscosity, spray gun nozzle, pressure:**

DIN 4/20°C 17.18 s, Ø1.3.1.4mm, 3.4 bar

After adding 10% thinner for acrylic products:

DIN 4/20°C 15.16 s, Ø1.3.1.4mm, 3.4 bar

### RULES OF PROCEDURE WHEN APPLYING

The clearcoat is applied to the previously imposed and dried basecoat layer. Spray in 1.5 layers system, at intervals of 5-10 minutes between coats. It is very efficient colorless clearcoat with a very high gloss. The second coat of paint, apply a full shower and leave it to the full spill and harden. Lacquer coating can be hardened using a radiator. However the radiator did not connect earlier than after 15 minutes after applying the last coat of clearcoat Diamant.

**DRYING TIME:** Dust-free: 10 min at 20°C or 3 min at 60°C

### HARDNESS UTILITY

14 hours at 20°C or 45 min at 60°C

Hardness after 14 days tested in accordance with PN-EN ISO 1522 Persoza Pendulum - 352

Fully hardened coating – after 4 days

**TIME AND STORAGE CONDITIONS:** Store in a cool, dry place, away from sources of ignition and heat. Avoid exposure to sunlight. Warranty 12 months.

**CLEANING EQUIPMENT:** Thinner for acrylic products, nitro

**PACKAGING:** Clearcoat is supplied in individual containers with a capacity of 1.L, 5.L.

Specific weight: 982 g/L