

## SPECTRAL HS-D11 Matting additive

**Characteristics:**

SPECTRAL HS-D11 Matting additive is an optional component of SPECTRAL mixing system. It is used for reducing the gloss level of lacquers and enamels made by Novol. It is a suspension of matting agents in the mixture of special synthetic resins with additive of auxiliary agents. The amount of the additive depends on the expected gloss level.

**Application:**

- Acrylic enamels by Novol,
- NOVOL's acrylic clearcoats

**Preparation:**

In order to achieve an even layer surface all components should be uniformly and precisely mixed. No mechanical agitator is needed.

**Mixing ratio:**

Depending on the expected gloss level, SPECTRAL HS-D11 MATTING ADDITIVE can be used in the amount of 80 to 120 % of clearcoat or topcoat by volume (but without the hardener).

	by volume
Clearcoat or topcoat	100
Hardener for Clearcoat / Topcoat	according to manufacturer's recommendation + 20%
SPECTRAL S-D10 MATTING ADDITIVE	80 do 120

Recommended amounts of matting additive in dependence of gloss level and matting product for 100ml of clearcoat or enamel:

Product	The amount of matting additive HS-D11 [ml]	
	Semimatt	Matt
SPECTRAL KLAR 515, KLAR 505	100	120
SPECTRAL KLAR 575 (SR)	80	100
SPECTRAL 2K 420 Enamel	100	120
SPECTRAL 2K Enamel	80	100
OPTIC 2+1 Enamel	80	100

The hardener for clearcoat or enamel should be used according to recommendation given in technical data sheet with addition of 20% to mixture. Additional thinner is not needed, Values given above are approximate, gloss level depends on the topcoat color, drying conditions, applying techniques and resin amount in lacquer or enamel.

**Application:**

Two (or three for enamel) layers should be applied leaving 10-15 minutes for evaporation (depending on temperature and thickness).

**Notices:**

The higher the film thickness, the higher the gloss.

It is recommended to dry the coating in the ambient temperature, in the case of force-drying one should wait minimum 45 minutes after application.

Ability to cover of products into which HS-D11 matting additive is added, diminishes proportionally to the quantity of matting agent added.

**Colour:**

Milky-white.

**Tools cleaning:**

NC solvent or Acryl Thinner SPECTRAL 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 HS-D11 MATTING ADDITIVE: 24 months at 20°C .

**Industrial safety:**

See Safety Data Sheet of this article.