



PRODUCT INFORMATION SPECIFICATION

Date: 15th March 2009

Component A : **Nova Soft Clear Matt**
Component B : **Catalyst for Nova Soft Clear Matt**
Component C : **Thinner for Nova Soft**

This is a soft velvet feel effect paint which grants a very good scratch resistance and an excellent elasticity. Its features of high matt finish, clearness and light fastness make it a unique product of its kind.

Nova Soft clear matt must be blended with Hardener for Nova Soft in the ratio 10 to 2. (20% in the first component). The thinner must be added in the ratio 10 to 3 up to 10 to 4 always based on the first component.

The pot life of the three components blend (Nova Soft, Hardener and Thinner) is more than 3 hours.

The application viscosity should be about 18" Ford cup # 4.

The blend can be applied either by an automatic spraying machine or a normal spray gun with 1.8–2.0 nozzle with an air pressure of 3 bars. The wet film thickness should be between 80 and 120 grams/square meter, that means 80-120 Microns wet. (The specific gravity is around one).

Above this limit the film hardness and adhesion to substrate can be compromised.

The drying time at room temperature (20 °C), is about 24-36 Hours. This time can be greatly reduced by drying in a hot air oven (30 to 60 °C) after 10-15 minutes flash off time.

If a hot air oven is not available an addition of 2-3% of NOVASPEED 88 is recommended in order to accelerate the polymerization reaction obtaining a faster curing.

In this case the pot life will be reduced to around 1 hour and a half but the sprayed panels will be stackable after 12-16 hours.

The dry film reaches the maximum value of its own chemical/physical features approximately one week after application.

We recommend storing the product in a cool, dry place, protected from sunlight and it has to be used within one week from first opening.

ANALYSIS	METHOD	MEASUREMENT UNIT	LIMITS
Physical appearance	NOVA 007	visual	Whitish liquid
*Conductivity at 20°C	NOVA 014	M.ohm	35 ± 5
*Viscosity at 20°C	NOVA 009	Ford Cup N°4	18 ± 1

* Conductivity and Viscosity are checked catalyzing the product at 20% with Catalyst for Nova Soft Clear Matt and diluting at 40% with thinner for Nova Soft Clear Matt.

The technical data above stated are presented in good faith and to the best of our knowledge. They should serve only as approximate guidance and therefore customers are kindly advised to test and ascertain the performance of our products in the operating conditions existing at their end, to satisfy themselves about their suitability in a given industrial application.