

Technical Data Sheet

ES1001

01/02/2018

Version 3

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S.p.A. has a quality system certified by DNV according to standard UNI EN ISO 9001.

Name and Code

ES1001 Clear velvet Effect.

Chemical Nature

Polyurethane paint

Description and performances

Topcoat with velvet effect. Suitable for assembled furniture and profiles.

Gloss Level: 2-3 gloss units

Additional description of the product

Chemical - Technical Properties

Description	Method	Unit of measure	Value - Range
Specific gravity	I.O. 309	g/cm3	1,080±0,010
Solid content	I.O. 371	%	48±1
Viscosity DIN 4 @20°C	I.O. 301	seconds	50±2

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Field of application

ES1001: 100 parts by weight

ES55: 20 parts by weight

DPU520 thinner: 30-40 parts by weight

Drying conditions: at 20°C

Pot-Life: 2 hours

Dust free: 20 minutes

Tack free: 2 hours

Stackable: 24 hours

Application amount: 120-150 g/mq

Application devices: spray grade

Suggested painting system on MDF substrates

Product	ES55	Polyurethane thinner	Note	Drying time
White pigmented polyester basecoat or polyurethane basecoat			2 coats as per TDS specifications	
Sanding				
Pigmented PU topcoat			1 coat as per TDS specifications	3 h
ES1001	20	30-40		

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General properties

Polyurethanic 2K matt transparent topcoat with great scratch and abrasion resistance and good light fastness. Product is smooth to the touch thanks to the use of special additives.

This product is suitable for interior applications (furniture) and has to be applied on otherwise, without sanding on pigmented polyurethane topcoat..

The effect can not be repainted

Storage instructions

Keep the product in a ventilated area; do not exceed 25-28°C. Polyisocyanic hardeners should be protected from frost and humidity. If they have been partially used please close the can tight and use the residual amount in a short time.

EXPIRATION DATE 12 months

The data refers to the product stored in original sealed packaging.

The information supplied are correct to the best of our knowledge. However, as the coating process depends on many variables and the present application takes place without our supervision, we cannot assume any responsibility for the final result. Sirca guarantees that chemical and physical characteristics of the products are within the reported range. Due to the large variety of substrates and application devices, the purchaser/user should test our products in his own application conditions and safety and environment circumstances. Sirca's technical and sales departments are at customer's disposal for any further information regarding correct application of our products.