Akzo Nobel Coatings S.p.a.
Divisione Wood

AkzoNobel

TECHNICAL DATA SHEET

PRODUCT: 21100XX

DESCRIPTION: ANTISCRATCH PU TOP-COAT

SUGGESTED USE: GENERAL FURNITURE

APPLICATION DEVICES SPRAY GUN

STORAGE: KEEP CANS TIGHTLY SEALED, IN A WELL VENTILATED PLACE, WITH TEMPERATURE CONTROLLED BETWEEN 10 AND 30 °C

SHELF LIFE: 12 MONTHS FROM PRODUCTION DATE, IF STORED AS ABOVE

PHYSICAL CHARACTERISTICS

VISCOSITY @ 20°C	sec. (cup DIN 4)	50 ± 10%
SPECIFIC GRAVITY @ 20 °C	Kg/l	1.000 ± 1%
SOLIDS CONTENT	%	47 ± 1

READY TO USE BLEND

	PARTS BY WEIGHT	PARTS BY VOLUME
21100xx	100	100
31590	50	50
91017	30	35

POT LIFE 3 hours @ 20 °C

APPLICATION VISCOSITY FOR SPRAYING 14 to 16 sec cup DIN 4 @ 20 °C

ALTERNATIVE HARDENERS	AFFECTED PROPERTIES
31070	Better light fastness

ALTERNATIVE HARDENERS AFFECT THE SHEEN: SHEEN MUST BE CHECKED BEFORE STARTING PRODUCTION AND, IN CASE OF DOUBT, CONTACT OUR TECHNICAL SERVICE.

ALTERNATIVE THINNERS	PURPOSE
91073	Medium Slow Thinner for hot weather conditions.
91022	Can be used as a retarder, if necessary.

SUBSTRATE

Items coated with P.U. or U.P.E. sealers and suitably sanded.

APPLICATION

SUGGESTED COATING WEIGHT	80 to 140 gr/m²
SUGGESTED N° OF COATS	1 coat

DRYING SCHEDULE AT ROOM TEMPERATURE

COATING WEIGHT 100 gr/m²

DUST FREE	15 min.

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ICLA VERNICI E COLORANTI PER LEGNO

TOUCH DRY	30 min.
STACKABLE	6 hours

FORCED DRYING SCHEDULE

COATING WEIGHT 100 gr/m²

FLASH OFF	20 min. @ room temperature
HOT AIR	20 min. @ 35 to 45°C
HOT AIR	20 min. @ 50 to 60°C
COLD AIR	20 min. @ room temperature

GENERAL INFORMATION

CLEAR PU TOP COAT CHARACTERISED BY EXCELLENT WETTING AND LEVELLING PROPERTIES, GOOD SLIP AND SUPERIOR SURFACE HARDNESS.

IT SHOULD BE APPLIED ON BASECOATS SANDED WITH 280 - 320 GRIT AND FREE FROM DUST AND GREASY SUBSTANCES.

THIS PRODUCT IS NOT LIGHT FAST, HENCE IT WILL TURN MORE AND MORE YELLOW WITH AGEING AND EXPOSURE TO SUNLIGHT; YELLOWING CAN BE DELAYED BY ADDING 789111 UNIVERSAL U.V. ABSORBER 1% to 3%.

FOR HEALTH & SAFETY INFORMATIONS, PLEASE REFER TO RELEVANT MSDS.

Revision 4 dated 27 Dec 2010

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