

TECHNICAL DATA SHEET

PRODUCT: 210909909

DESCRIPTION: EXTRA GLOSS BLACK PU TOPCOAT.

SUGGESTED USE: PIGMENTED FINISH OF FURNITURE AND GENERAL PURPOSE ITEMS.

APPLICATION DEVICES SPRAY GUN, CURTAIN COATER.

STORAGE: KEEP CANS LIGHTLY 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, IN ITS ORIGINAL PACKING.

PHYSICAL CHARACTERISTICS

VISCOSITY @ 20°C	sec. (cup DIN 4)	65 ± 10%
SPECIFIC GRAVITY @ 20 °C	kg/l	1.00 ± 1%
SOLIDS CONTENT	%	56 ± 1

READY TO USE BLEND

	PARTS BY WEIGHT	PARTS BY VOLUME
210909909	100	100
31594 Hardener	100	100
91017 Thinner	5 to 50	5 to 50

POT LIFE 3 hours @ 20 °C.

APPLICATION VISCOSITY FOR SPRAYING 14 to 16 sec. DIN 4 CUP.

APPLICATION VISCOSITY FOR CURTAIN COATER 20 to 25 sec. DIN 4 CUP.

WARNING: WHEN USING A CURTAIN COATER, VISCOSITY INCREASES VERY QUICKLY DUE TO SOLVENT EVAPORATION.

VISCOSITY MUST BE FREQUENTLY CHECKED AND CONTROLLED BY ADDING AS MUCH THINNER AS REQUIRED.

ALTERNATIVE HARDENERS AFFECTED PROPERTIES

31538 Faster curing, lower build, less mechanical polishing capability

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 Better wetting during hot weather conditions

91022 Retarders, partial replacement of STD Thinner

SUBSTRATE

ALL ITEMS COATED WITH (BLACK) PU OR UPE SURFACERS, SUITABLY SANDED.

APPLICATION

SUGGESTED COATING WEIGHT	160 gr/m ² .
SUGGESTED N° OF COATS	2 coats max.
TIME BETWEEN 2 COATS	2 hours @ RT, no intermediate sanding.

DRYING SCHEDULE AT ROOM TEMPERATURE

	COATING WEIGHT	100 gr/m ²
DUST FREE		30 to 40 min.
TOUCH DRY		3 hours.
STACKABLE		48 h.

FORCED DRYING SCHEDULE

	COATING WEIGHT	100 gr/m ²
FLASH OFF		20 min. @ ROOM TEMPERATURE
HOT AIR		40 min. @ 35 to 45 °C
HOT AIR		40 min. @ 50 to 60 °C
COLD AIR		20 min. @ ROOM TEMPERATURE

GENERAL INFORMATION

HIGH BUILD, FAST DRYING, EXCELLENT GLOSS AND SURFACE HARDNESS.

THE PRODUCT SHOULD BE APPLIED ON BASECOAT SANDED WITH 280 -400 GRIT AND FREE OF DUST AND GREASY SUBSTANCES; UPE BASECOAT IS RECOMMENDED TO ENHANCE GLOSS FINISH, ESPECIALLY WHEN BUFFING.

IN HOT WEATHER CONDITIONS, REDUCTION OF HARDENER QUANTITY TO CA. 90 % IS RECOMMENDED.

SUITABLE FOR MECHANICAL POLISHING AFTER 48 to 72 HOURS DRYING @ ROOM TEMPERATURE: MUST BE SANDED 800 -1000 GRIT BEFORE BUFFING.

FOR HEALTH AND SAFETY INFORMATION, PLEASE REFER TO RELEVANT MSDS.

Revision 2 dated 27 Dec 2010

210909909