MAXMEYER® VOC HS Clearcoat 0210

PRODUCT DESCRIPTION

MaxMeyer VOC HS Clearcoat is a high solids clearcoat especially formulated to produce high quality repairs in a wide range of body shop conditions.
MaxMeyer VOC HS Clearcoat is designed for use with AQUAMAX® Extra Basecoat to provide an easy to use product with excellent application and final appearance characteristics, leading to a high quality result on a broad range of repair types.
Its dedicated high solids hardener, 6100 *MaxMeyer* VOC HS Hardener, is integral to providing the strong film hardness and excellent high gloss finish characteristic of a high solids clearcoat.
There is also the option of speeding up the application process further with 7505 *MaxMeyer* VOC Clearcoat Accelerator Thinner; dropping the bake time from 40 minutes to an astounding 15 minutes.

PRODUCTS

TYPE	DESCRIPTION	CODE
CLEARCOAT	*MaxMeyer* VOC HS Clearcoat	0210
HARDENER	*MaxMeyer* VOC HS Hardener	6100
THINNERS	*MaxMeyer* Thinner Low Temp	4307
	MaxMeyer Thinner Standard	4317
	MaxMeyer Thinner High Temp	4327
	MaxMeyer VOC Clearcoat Accelerator Thinner	7505
CLEANERS	ONECHOICE® Water-Methylated Spirits Cleaner	SWX250
	PROTEC® Heavy Duty Wax & Grease Remover	AA-6822
SPRAYING EQUIPMENT	SATAjet® B RP Digital 1.3 0.6L	SATA-209833/UNIT
	[125070] 57 x SATA® RPS Cups 0.6L Disposable 200µm	947-57605/CARTON
	[118489] 40 x *Sata* RPS Cups **0.9L** Disposable 200µm	947-57957/CARTON

SUBSTRATES & PREPARATION

MaxMeyer VOC HS Clearcoat can be applied over the following substrates when prepared as indicated:

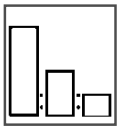
SUBSTRATE	PREPARATION
AquaMax Extra Basecoat	As per the *AquaMax* Extra Basecoat Tech. Data Sheet.
OEM finishes in sound condition	Grey Scourer, by hand or machine.
Sound, fully cured 2 pack refinish finishes	Grey Scourer, by hand or machine.

Before and after any sanding operation, the substrate must be thoroughly degreased using AA-6822 *Protec* Heavy Duty & Grease Remover, followed by SWX250 *OneChoice*

The use of a clean tack rag is recommended to remove dust from the surface before

Substrates other than those stated above should be tested before use, to ensure that the performance of this product is suitable for it's intended use.

MIXING RATIO BY VOLUME

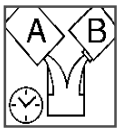


PRODUCT	PARTS
0210	3
6100	1
MaxMeyer Thinner	10 - 25 %

THINNER SELECTION

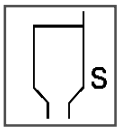
Full panel repairs below 25°C and spot repairs (40 minute at 60°C bake)	4307
Full panel repairs and total resprays (40 minute at 60°C bake)	4317
Higher temperatures (40 minute at 60°C bake) and IR curing	4327
Accelerated mode (15 minutes at 60°C bake)	7505

POTLIFE



WITHOUT 7505	75 minutes at 25°C
WITH 7505	40 minutes at 25°C

SPRAY VISCOSITY



17 - 19 seconds (DIN 4) at 25°C.

SPRAYGUN SETTINGS

The specifications below are for the recommended spraygun, or similar.

GUN TECHNOLOGY	*Satajet* B RP
SETUP	1.3 - 1.4 mm
SPRAY PRESSURE	1.8 - 2.2 bar

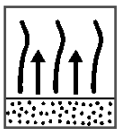
APPLICATION, DRYING & CURING

As with all high solids products, low ready for use clearcoat temperatures can lead to more difficult application and overspray absorption. It is strongly recommended that ready for use product is applied at a material temperature greater than 15°C.

APPLICATION

NUMBER OF COATS	2 full coats OR 1 visit application (1 medium and 1 full coat). *1 visit application is recommended in accelerated mode.*

FLASH OFF / DRYING / CURING



BETWEEN COATS	5 - 10 minutes at 25°C.	
DRYING / CURING	*BAKE*	Bake immediately (no flash off required). Without 7505: 40 minutes at 60°C. With 7505: 15 minutes at 60°C.
	AIR DRY (25°C, <50% humidity)	16 hours or overnight through dry.
	INFRA RED	I.R. immediately (no flash off required). 15 minutes - Medium Wave.

TOTAL DRY FILM BUILD

55 - 65 µm.

DE-NIBBING & POLISHING

Wait a minimum of 1 hour after bake.

DE-NIBBING	Eliminate dirt with P1500 (wet).
POLISHING	Reduce scratches of P1500 using P3000 and CLEAN water to make the polishing faster and easier.
	The polishing machine should be used at low speed with a quality polish, using a hard foam pad initially and finishing with a soft foam pad. In some cases, particularly where dark colours are involved, it may be necessary to use a lambs wool pad for the initial polish. Take care not to heat up the panel - if the panel heats up, allow it to cool down before continuing polishing.

EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

STORAGE

Store in a dry place away from heat

HEALTH & SAFETY

Please refer to Safety Data Sheets (SDS) for full Health and Safety details, as well as product can labels.

MaxMeyer hardeners and activated products contain isocyanate and therefore particular safety precautions must be taken; please refer to SDS for full health and safety details.

This product is for professional use only.
The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his or her own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
Drying times quoted are average times at 25°C/77°F. Film thickness, humidity and shop temperature can all affect drying times.

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