



UHS Duralit Extra Tinters series 150

2K ACRYLIC FINISH 2:1

UHS Duralit Extra, is a 2K Acrylic Topcoat enamel for direct gloss solid colours. It has been developed for use where product VOC is restricted.

UHS Duralit Extra provides maximum gloss and a light fast colour system with excellent resistance to atmospheric agents.

It is available as a tinting bases range (series 1.150.xxxx)



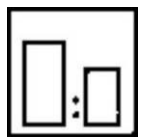
SUBSTRATES

MaxMeyer Compliant 2K HS Primers and Fillers.
Original finishes, sanded (P360-400 or Scotch-Brite Fine).

PREPARATION

See the technical data sheet of the undercoat used. Final sanding with P360-400 or Scotch-Brite Fine (hand or machine) is strongly recommended.

UHS Duralit Extra topcoat colour should be stirred thoroughly for 2 Minutes, before the addition of hardener and thinner. Activate just before application, and complete the application as soon as possible after activation.



	VOLUME
UHS DURALIT EXTRA (Mixed Colour)	2
UHS HARDENER	1
ADDITIVE THINNER	0.6 – 0.7
VISCOSITY - DIN4, 20°C	20-25"
POT LIFE with 2880 hardener	20-30 minutes @ 20°C
POT LIFE with 2870 hardener	40-60 minutes @ 20°C

The 350 parts additive thinner level is recommended for the best flow and appearance properties on horizontal repair areas.

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

HARDENERS - THINNERS

UHS HARDENERS	2870	Rapid	Total resprays and spot repairs below 25°C oven dry
	2880	Extra Rapid	Spot repairs and partial resprays under 25°C
ADDITIVE THINNERS	2810	Normal	Total resprays and spot repairs below 25°C

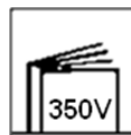


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ADDITIVES

SEE TECH. DATA SHEET

Flexible additive AD1208 414V	1.975.1208
Texture Additive – Fine 489V	1.975.5500
Texture Additive – Coarse 489V	1.975.5501
Matting Base - MAT 5 488V	1.977.5502



APPLICATION

Gun setup

Gravity Spray gun nozzle (mm)
Air pressure at gun
Suction spray gun nozzle (mm)
Air pressure at gun
Number of coats
Suggested thickness

Compliant Sprayguns

1.3 - 1.5
As per manufactures recommendation
1.4 - 1.6
As per manufactures recommendation
1 medium coat + 1 full coat or 2 full single coats.
50-60 microns



Important:

Single Visit Process: Apply one medium, continuous, coat followed by one full coat. The first coat should be applied to all repair panels before the second coat is applied. For less than 3 panels, 2-3 minutes flash between coats. For more than 3 panels, no flash is required.

BLENDING

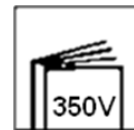
PREMIUM UHS DURALIT TOPCOAT COLOURS - FADE OUT PROCESS

- 1) After normal application, the gun is arced away from the panel in the fade-out area leaving a fine, dry overspray edge.
- 2) Apply a coat of UHS Clear over the colour edge. Use the same hardener in the clear that was used in the UHS colour. After normal application, the gun is arced away from the panel in the fade-out area, leaving a fine, dry overspray edge.
- 3) Apply the Spot Blender 5411 or 5421 (through spraygun) to the clearcoat edge, in light coats.
- 4) Allow the paint film to thoroughly cure.
- 5) Lightly polish the fade out area with polishing compound (SPP1001), taking care not to polish through the blend.
- 6) Finish with a finishing polish.



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BEST PRACTICES WITH UHS PRODUCTS



PAINT STORAGE CONDITIONS

Keep ready for use paint in good conditions to ensure correct viscosity.
RFU temperature above a minimum of 15°C, and ideally over 18°C.
This includes paint, hardeners and thinners.



MIXING AND MAKING READY FOR USE

Activate accurately, and by weight where ever possible.
Where mixing must be by volume, only use a round and parallel sided mixing container together with the correct mixing stick. If using a measuring container marked in percentages, you must be sure that the percentages give the correct quantities.

Make sure that Hardener and Thinner is mixed in well. High solids or high viscosity products can take a little longer to mix in, so a good practice is to stir Hardener in first, then add thinner before stirring again.
Use mixed product as quickly as possible.

Choose the correct Hardener for the required bake cycle.

Keep to the recommended levels of additives.
Do not exceed the recommended level of additives such as Flexibilisers.

APPLICATION TECHNIQUES, PROCESS AND EQUIPMENT CHOICES

Use correct spraygun set ups, and set up the spraygun correctly.
Use a "Single Visit" application wherever possible, following the advice given in the application section.
Check that the spraybooth is operating effectively. If necessary make an oven check to be sure that metal temperature is reached, especially on low down repair areas.
MaxMeyer recommendations are based on time at metal temperature, so this should be allowed for in the bake cycle that is set for the job.

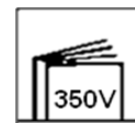




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GUIDELINES FOR WEIGHT MIXING

Where a specific volume of clearcoat is required, this may be best achieved by weight mixing, using the guidelines below. The weights are cumulative - PLEASE DO NOT tare the balance between additions.

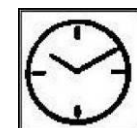
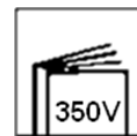


Volume of UHS Duralit Extra colour mix	Final ready for use volume		Weight UHS Hardener 1.954.2880 / 2870	Weight Thinner 1.911.2810	
			Grams	Grams to 0.6 parts	Grams to 0.7 parts
Litres	Litres (@ 2 / 1 / 0.6 ratio)				
0.10	0.18		53.3	79.1	83.4
0.20	0.36	T	106.6	158.3	166.9
0.25	0.45	A	133.3	197.8	208.6
0.30	0.54	R	159.9	237.4	250.3
0.40	0.72	E	213.2	316.5	333.7
0.50	0.90		266.5	395.7	417.2
0.60	1.08	S	319.8	474.8	500.6
0.70	1.26	C	373.1	553.9	584.0
0.75	1.35	A	399.8	593.5	625.8
0.80	1.44	L	426.4	633.0	667.5
0.90	1.62	E	479.7	712.2	750.9
1.00	1.80		533	791.3	834.4
1.50	2.70		799.5	1187.0	1251.5



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DRYING



AIR DRYING	Handeable	after 18-24 hours
OVEN DRY	with 2870 hardener	20 minutes at 60°C
	with 2880 hardener	10 minutes at 60°C
IR DRY	medium wave	5 - 7 minutes
	short wave	4 - 5 minutes

RECOATABILITY

Recoatible, 1 hour after baking and after sanding.

TECHNICAL DATA



Pack size	1 Ltr and 3.5 Ltr (White)
Storage	Store in a cool dry place away from heat
Theoretical coverage	10.5/13 sqm/l of ready for use product, 50 microns thickness

VOC INFORMATION

The EU limit for this product (product category: IIB.d) in ready for use form is max. 420g/l of VOC. The VOC content of this product in ready for use form is max. 420 g/l. Depending on the chosen mode of use, the actual ready to use VOC of this product may be lower than that specified by the EU Directive code.

SAFETY AND HANDLING



These products are for professional use only and are not to be used for purposes other than those specified.

The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose.

For Health and Safety information, please refer to the material Safety Data Sheet, also available at: www.maxmeyer.com

For further information please contact:
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