

VALSPAR REFINISH QUICK MIXING CHART



SERIES	PRODUCT NAME	FUNCTION	MIXING RATIO	MIXING STICK	ACTIVATOR				HIGH PERFORMANCE REDUCER		
					VERY FAST	FAST	STANDARD	SLOW	FAST	MEDIUM	SLOW
	PRIMERS										
DTM2035	DTM PRIMER (DIRECT TO METAL)	PRIMER	4:1:1	MS1	DTM 2035 ACTIVATOR				171HP	172HP	173HP
		SEALER	4:1:2	MS1					171HP	172HP	173HP
-	INDUSTRIAL ETCH	PRIMER	R.F.U Thinning up to 30% optional	-	NONE			171HP	172HP	173HP	
AP33	1K ACRYLIC PRIMER	PRIMER	2:1	-	NONE			30MP Multi-Purpose Reducer			
VP50	EPOXY PRIMER	PRIMER	4:1:1	MS1		V/DC FO A CTIV/ATOR			171HP	172HP	173HP
		SEALER	4:1:2	MS1		VPC 50 ACTIVATOR		171HP	172HP	173HP	
HS35	HS PRIMER SURFACER	SURFACER	4: 1 :1	MS1	HPC3	HPC2 HPC1	UDC1	HPC0	171HP	172HP	173HP
		SEALER	4:1:2	MS1	X		HPCI		171HP	172HP	173HP
	TOPCOATS										
303C01	1K ACRYLIC TOPCOAT		1:1.5	-	NONE				30MP Multi-Purpose Reducer		
888C88	HIGH PERFORMANCE BASECOAT BINDER		1:1	MS3	NONE			171HP	172HP	173HP	
862	2K TOPCOAT		4 : 1 :0-10%	MS1	HPC3	HPC2	HPC1	HPC0	171HP	172HP	173HP
	CLEARCOATS										
AC200MS	MS CLEARCOAT		4 : 1 :0-5%	MS1	HPC3	HPC2	HPC1	HPC0	171HP	172HP	173HP
AC4400	HS CLEARCOAT		2:1:1	MS3	HPC3	HPC2	HPC1	HPC0	171HP	172HP	173HP
AD4200	AIR CURE CLEAR		4:1:0-5%	MS1			HPC420	HPC400	171HP	172HP	173HP
AC303	1K ACRYLIC CLEAR		1:1.5	-	NONE			30MP Multi-Purpose Reducer			
	SPECIALTIES										
PR2	PLASTIC ADHESION PROMOTER		R.F.U	-	-	-	-	-	-	-	-
Z777	MID COAT ADHESION PROMOTER		R.F.U	-	-	-	-	-	-	-	-
BZ1	UNIVERSAL BLENDING SOLVENT		R.F.U	-	-	-	-	-	-	-	-
T566	ACCELERATOR		-	-	NONE				-	-	-

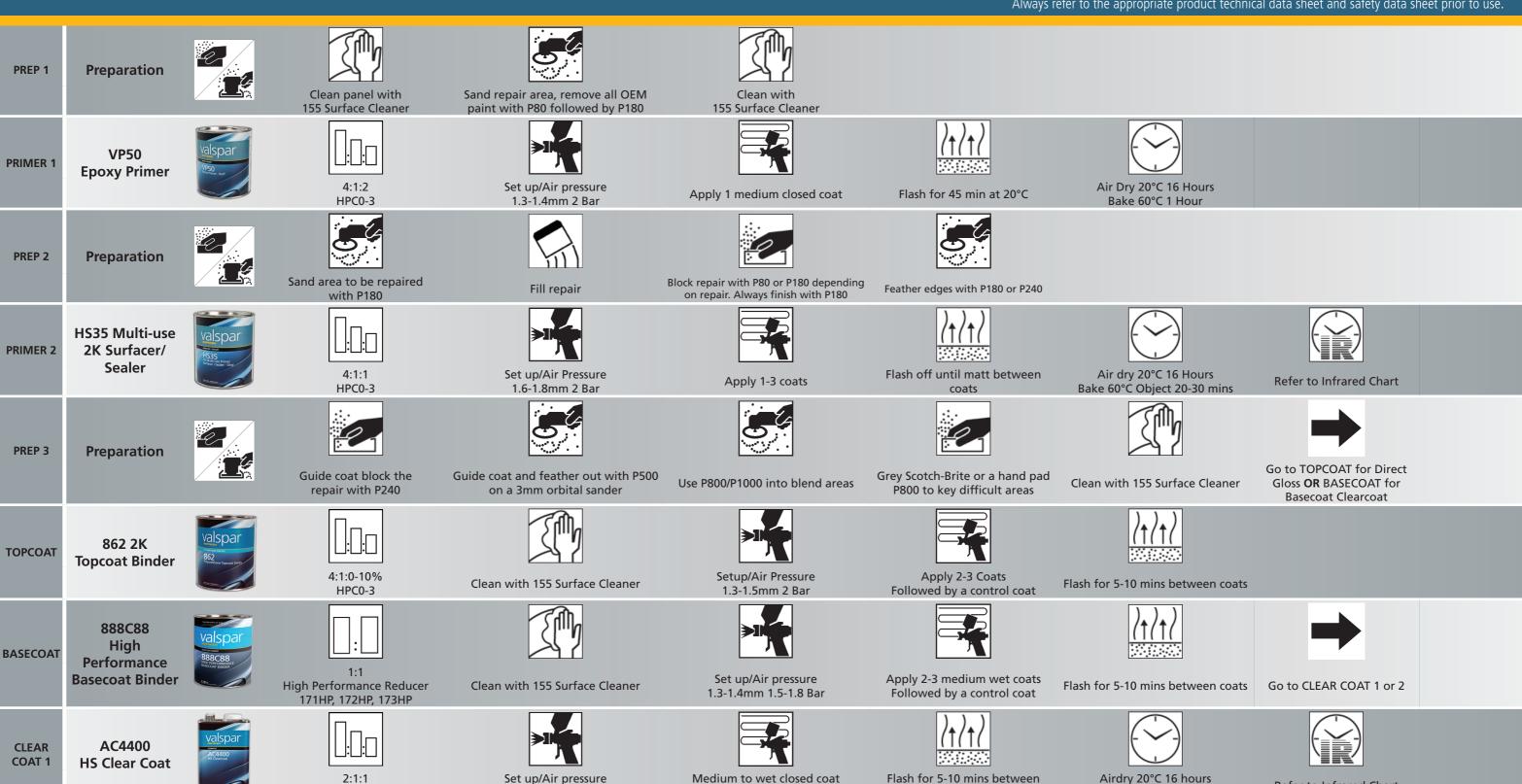


VALSPAR REFINISH REPAIR ALUMINIUM EPOXY **PROCESS FOR SANDING**



Refer to Infrared Chart

Always refer to the appropriate product technical data sheet and safety data sheet prior to use.



CLEAR COAT 2

AD4200 **Air Cure Clear**





4:1:0-5% HPC400-420

HPC0-3





1.3-1.4mm 2-2.3 Bar

1.3-1.4mm 2 Bar



Apply 2 full coats

flash followed by a full coat



coats

No flash between coats



Bake at 60°C object temp 45 mins

Airdry 25°C 30 min to nib sand and buff

VALSPAR REFINISH TO METAL PRIMER FOR WET-ON-WET



Always refer to the appropriate product technical data sheet and safety data sheet prior to use.

PREP

Preparation





Clean panel with 155 Surface Cleaner



Sand panel with P320 or P400



Red Scotch-Brite or hand pad P800 all key edges and difficult areas



Clean panel with 155 Surface Cleaner

PRIMER

DTM2035 Surfacer/ Sealer





4:1:2



Setup/Air Pressure 1.2-1.4mm 2 Bar



Apply 1 medium closed coat



Flash 10-15 min or until Matt



Go to TOPCOAT for Direct Gloss **OR** BASECOAT for Basecoat Clearcoat

TOPCOAT

862 2K **Topcoat Binder**





4:1:0-10% HPC0-3



Clean panel with 155 Surface Cleaner



Setup/Air Pressure 1.3-1.5mm 2 Bar



Apply 2-3 Coats Followed by a control coat



Flash for 5-10 mins between coats



Refer to Infrared Chart

BASECOAT

888C88 **High Performance Basecoat Binder**





High Performance Reducer 171HP, 172HP, 173HP



Clean with 155 Surface Cleaner



Set up/Air pressure 1.3-1.4mm 1.5-1.8 Bar



Apply 2-3 medium wet coats Followed by a control coat



Flash for 5-10 mins between coats



Go to CLEAR COAT 1 or 2

CLEAR COAT

AC4400 **HS Clear Coat**





2:1:1 HPC0-3



Set up/Air pressure 1.3-1.4mm 2-2.3 Bar



Apply medium to wet closed coat, flash, followed by a full coat



Flash for 5-10 mins between coats Bake at 60°C object temp 45



Airdry 20°C 16 hours



Refer to Infrared Chart

CLEAR COAT

AD4200 **Air Cure Clear**





4:1:0-5% HPC400-420



Set up/Air pressure 1.3-1.4mm 2 Bar



Apply 2 full coats



No flash between coats



Airdry 25°C 30 min to nib sand and buff

VALSPAR REFINISH ALUMINIUM & STEEL ETCH USING SE88 ETCH PRIMER FOR WET-ON-WET



Always refer to the appropriate product technical data sheet and safety data sheet prior to use.

PREP

Preparation



Clean panel with 155 Surface Cleaner



Sand Repair area, remove all OEM paint with P80 followed by P180



Fill repair with 6010 Uni Putty



Block repair with P80 or P180 depending on repair. Always finish with P180



Feather edges with P180 or P240



Clean panel with 155 Surface Cleaner

PRIMER 1

Industrial Etch



Up to 30% thinner (171HP-173HP) if required



Set up/Air Pressure 1.4-1.8mm 2 Bar



Apply 1 - 2 medium wet coats



Flash 5-10 min between coats

PRIMER 2

HS35 Multi-use 2K Surfacer/Sealer





4:1:2 HPC0-2



Set up/Air Pressure 1.3-1.5mm 2 Bar



Apply 1 medium closed coats



Flash off 10-15 mins or until matt



Go to TOPCOAT for Direct Gloss **OR** BASECOAT for Basecoat Clearcoat

TOPCOAT

862 2K **Topcoat Binder**





4:1:0-10% HPC0-3



Clean with 155 Surface Cleaner



Setup/Air Pressure 1.3-1.5mm 2 Bar



Apply 2-3 Coats Followed by a control coat



Flash for 5-10 mins between coats

BASECOAT

888C88 High **Performance Basecoat Binder**





High Performance Reducer 171HP, Clean with 155 Surface Cleaner 172HP, 173HP





Set up/Air pressure 1.3-1.4mm 1.5-1.8 Bar



Apply 2-3 medium wet coats Followed by a control coat



Flash for 5-10 mins between coats



Go to CLEAR COAT 1 or 2

CLEAR COAT 1

AC4400 **HS Clear Coat**





2:1:1 HPC0-3



Set up/Air Pressure 1.3-1.4mm 2-2.3 Bar



Medium to wet closed coat flash followed by a full coat



Flash for 5-10 mins between coats



Airdry 20°C 16 hours Bake at 60°C object temp 45 mins



Refer to Infrared Chart

CLEAR COAT 2

AD4200 **Air Cure Clear**



4:1:0-5%

HPC400-420



Set up/Air pressure 1.3-1.4mm 2 Bar



Apply 2 full coats



No flash between coats



Airdry 25°C 30 min to nib sand and buff



VALSPAR REFINISH ALUMINIUM ETCH PROCESS FOR SANDING

valspar

Always refer to the appropriate product technical data sheet and safety data sheet prior to use.

PREP 1 **PRIMER 1** PRIMER 2

Preparation

valspar



Clean panel with 155 Surface



Sand Repair area, remove all OEM paint with P80 followed by P180



Fill repair with 6010 Uni Putty



Block repair with P80 or P180 depending on repair. Always finish with P180



Feather edges with P180 or P240



Clean panel with 155 Surface Cleaner

Industrial Etch



Up to 30% thinner (171HP-173HP) if required



Set up/Air Pressure 1.4-1.8mm 2 Bar



Apply 1 - 2 medium wet coats



Flash 5-10 min between coats

HS35 Multi-use 2K Surfacer/ Sealer





4:1:1 HPC0-3



Set up/Air Pressure 1.6-1.8mm 2 Bar



Apply 1-3 coats



Flash off until matt between coats



Air dry 20°C 16 Hours Bake 60°C object 20-30 mins



Refer to Infrared Chart

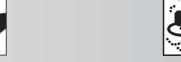
PREP 2

Preparation



Guide coat block the repair

with P240





Guide coat and feather out with P500 on a 3mm orbital sander



Use P800/P1000 into blend areas



Grey Scotch-Brite or a hand pad P800 to key difficult areas



Clean panel with 155 Surface Cleaner



Go to TOPCOAT for Direct Gloss OR BASECOAT for **Basecoat Clearcoat**

TOPCOAT

862 2K **Topcoat Binder**



4:1:0-10% HPC0-3



Clean with 155 Surface Cleaner



Setup/Air Pressure 1.3-1.5mm 2 Bar



Apply 2-3 Coats Followed by a control coat



Flash for 5-10 mins between coats

BASECOAT

High **Performance Basecoat** Binder

888C88



High Performance Reducer 171HP, 172HP, 173HP



Clean with 155 Surface Cleaner



Set up/Air pressure 1.3-1.4mm 1.5-1.8 Bar



Apply 2-3 medium wet coats Followed by a control coat





Flash for 5-10 mins between coats Go to CLEAR COAT 1 or 2

CLEAR COAT 1

AC4400 **HS Clear Coat**



2:1:1 HPC0-3





Medium to wet closed coat flash followed by a full coat



Flash for 5-10 mins between coats



Airdry 20°C 16 hours Bake at 60°C object temp 45 mins



Refer to Infrared Chart

CLEAR COAT 2

AD4200 **Air Cure Clear**









2-2.3 Bar



Apply 2 full coats



No flash between coats



Airdry 25°C 30 min to nib sand and buff

VALSPAR REFINISH TO METAL PRIMER FOR SANDING



Always refer to the appropriate product technical data sheet and safety data sheet prior to use.

PREP 1 **Preparation**







Sand panel with P320





Clean panel with 155 Surface Cleaner

DTM2035 PRIMER Surfacer/ Sealer





4:1:1

Surface Cleaner



2 Bar

Guide coat and feather out with

P500 on a 3mm orbital sander



Flash 10-15 min or until Matt

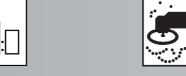
PREP 2 **Preparation**





Guide coat block the repair

with P240







Apply 1-3 coats



P800 to key difficult areas

Followed by a control coat

Apply 2-3 medium wet coats

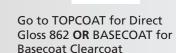
Followed by a control coat



Clean panel with 155 Surface

Cleaner

Flash for 5-10 mins between coats



TOPCOAT

862 2K **Topcoat Binder**











Setup/Air Pressure

1.3-1.5mm

2 Bar

Set up/Air pressure

1.3-1.4mm 1.5-1.8 Bar

Use P800/P1000 into blend areas

Apply 2-3 Coats







888C88 High **Performance Basecoat** Binder





High Performance Reducer

171HP, 172HP, 173HP

4:1:0-10%





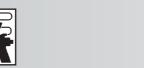
Clean with 155 Surface Cleaner

Clean panel with 155 Surface

Cleaner









Refer to Infrared Chart

BASECOAT











Flash for 5-10 mins between coats



AC4400 CLEAR COAT 1 HS Clear Coat



2:1:1 HPC0-3



Apply Medium to wet closed coat flash followed by a full coat





Airdry 20°C 16 hours Bake at 60°C object temp 45 mins



Refer to Infrared Chart

CLEAR COAT 2

AD4200 **Air Cure Clear**





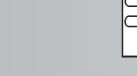
4:1:0-5%

HPC400-420

Set up/Air pressure

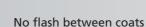


1.3-1.4mm 2 Bar





Apply 2 full coats





Airdry 25°C 30 min to nib sand and buff



VALSPAR REFINISH ACRYLIC PROCESS

Always refer to the appropriate product technical data sheet and safety data sheet prior to use.

PREP 1

Preparation

Valspar





Clean panel with 155 Surface Cleaner



Feather edges with P180 or P240



Red Scotch-Brite or hand pad P800 all key edges & difficult areas



Clean panel with 155 Surface Cleaner

PRIMER

AP33 Acrylic Primer





2:1 30MP Multi-Purpose Reducer



Setup/Air Pressure 1.5-2mm 1.7-2 Bar



Spray 1-4 coats maximum 100 microns



Flash for 5-7 mins between coats



Dry to sand 60 min per coat at 20°C

PREP 2

Preparation





Guide coat block the repair with P240



Guide coat and feather out with P500 on a 3mm orbital sander



Use P800/P1000 into blend areas



Grey Scotch-Brite or a hand pad P800 to key difficult areas



Clean with 155 Surface Cleaner

BASECOAT

303C01 **Acrylic Binder**





1:1.5 30MP Multi-Purpose Reducer



Setup/Air Pressure 1.4-2mm 1.7-2 Bar



Apply 2-4 coats



Flash for 5-7 mins between coats



Note: Make sure basecoat has flashed off thoroughly before clear is applied

CLEAR COAT

AC303 **Acrylic Clear**





1:1.5 30MP Multi-Purpose Reducer



Setup/Air Pressure 1.4-2mm 1.7-2 Bar



Apply 2-4 coats



5-7 mins between coats 24 hours to polish