

UP2220/UP2221/UP2222

S2022 COLOUR MATCH HS PRIMER FILLER

FEATURES	<p>Is a fully tintable high solids two component urethane coating, which can be used as multi-role coating:</p> <ol style="list-style-type: none"> 1. High Solids Filler for spot repairs. 2. Primer Surfacer for large areas. 3. A Non Sand sealer (wet on wet). <p>S2022 Has been specifically designed for use with the unique range of U-POL COLOUR MATCH TINTERS to match the primer color to any top coat color.</p> <p>For color reference and formulations please refer to the "COLOUR MATCH PRIMER DISK"</p>
BENEFITS	<p>S2022 Allows the end user to match the color of the primer to any top coat color.</p> <p>S2022 Offers excellent opacity and hiding power.</p> <p>S2022 Has excellent film build and surface leveling properties.</p> <p>S2022 Can be air dried, low baked or I.R. cured.</p> <p>S2022 Is easy to sand and gives perfect gloss holdout.</p> <p>S2022 Offers excellent adhesion and is suitable for direct application to unsanded "E coats"</p>
SURFACE PREPARATION	<p>Step 1: Degrease with System 20 Degreaser.</p> <p>Step 2: Original paint: Wet sand P320 or Dry sand P280.</p> <p>Bare metal: Abrade with P180.</p> <p>Aluminum and zinc coated steel: must first be coated with 1-2 light coats of ACID #8 1K etch primer and allowed to dry for 20 mins prior to the application of S2022.</p> <p>GRP, SMC, Glass fibre, Polyester Filler: Dry sand P240.</p> <p>E-coat: S2022 is suitable for direct application to unabraded E-coated panels.</p> <p>Step 3: Degrease with System 20 Degreaser.</p>
READY FOR USE V.O.C. VALUE	S2022 HS Primer Filler = 3.75 lb/g

HOW TO USE U-POL S2022 COLOUR MATCH PRIMER

1. Using the **COLOUR MATCH PRIMER DISK**, choose the most appropriate color and shade of primer. Choice will be determined by matching the color of either the original primer used by the vehicles manufacturer or the closest shade to the color coat.
2. Determine how much **S2022** primer is required to complete the work piece and decant into a suitable container.
3. Using the **COLOUR MATCH PRIMER DISK** along with the mixing formula and volume ratios below, add the required pigments to achieve the desired color or shade. Pigments may be added to the primer either by weight or in multiple lengths of 10cm/4inches. A length being a continuous bead of product the same diameter as the packet's nozzle. (One length of 10cm/4inches is equal to approx 1 gram).
4. Thoroughly mix the pigments into the primer before adding hardener and thinner.
5. The colored primer may now be mixed with the relevant System 20 hardener and thinner to produce a high build filler primer 3:1, primer surfacer 3:1:1 or a non sand sealer 3:1:1.5
6. U-POL **S2022 COLOUR MATCH PRIMER** is now ready for application.

NOTE: WE RECOMMEND THAT PIGMENT ADDITION DOES NOT EXCEED 4% BY WEIGHT

S2022 COLOUR MATCH PRIMER - MIXING FORMULAE AND VOLUME RATIOS

1 Liter / 1000ml S2022 primer = 1660g / 1.66kg

Pigment percentage %	By weight (grams)	X 10cm lengths	X 4 inch lengths
0.5%	8g	8	8
1%	16.6g	16	16
2%	33.2g	33	33
3%	49.8g	50	50

¼ Liter / 250ml S2022 primer = 415g / 0.415kg

Pigment percentage %	By weight (grams)	X 10cm lengths	X 4 inch lengths
0.5%	2g	2	2
1%	4g	4	4
2%	8.3g	8	8
3%	16.6g	16	16

½ Liter / 500ml 2022 primer = 830g / 0.83kg

Pigment percentage %	By weight (grams)	X 10cm lengths	X 4 inch lengths
0.5%	4g	4	4
1%	8.3g	8	8
2%	16.6g	16	16
3%	24.9g	25	25

1/10 Liter / 100ml S2022 primer = 166g / 0.166kg

Pigment percentage %	By weight (grams)	X 10cm lengths	X 4 inch lengths
0.5%	0.8g	1	1
1%	1.66g	1.5	1.5
2%	3.32g	3	3
3%	4.98g	5	5

ALL WEIGHTS, LENGTHS AND RATIOS ARE APPROXIMATE AND OFFERED FOR GUIDANCE ONLY

Color	Neutral Light Grey		
Tinting Ratio 2022 : 2050/51/52/53/54 <i>NOTE: Tinting must be carried out prior to the addition of hardener and thinner / reducer.</i>	<4% By weight of a single or combination of pigments	<4% By weight of a single or combination of pigments	<4% By weight of a single or combination of pigments
Mixing Ratio 2022:2030/31/32/33: 2040/41/42	Spray Filler 3:1	Primer Surfacer 3:1:1	Wet on Wet Non sand Sealer 3:1:1.5
Spray Tip	1.8 - 2.2	1.6 – 2.2	1.3 – 1.8
Viscosity DIN 4/sec.	45 - 55	30 - 35	20 - 25
Air Pressure/Bar	Conventional 4 Compliant <2	Conventional 4 Compliant <2	Conventional 4 Compliant <2
Coats	1 - 2	2 - 3	1 - 2
Build / microns.	180	120 - 180	30 - 60
Flash Off/min.	15	10	10
Dry to Sand Air/hours	2 - 5	2 - 5	2 - 3
Dry to Sand 140°F / min.	20 - 30	20 - 30	0 - 30
Dry to Sand I.R/min.	15	15	15
Pot-Life/hours	1.5 - 3	1.5 - 3	2 - 3
Wet Sanding/abrasive	600 - 800	600 - 800	600 - 800
Dry Sanding/abrasive	320 - 500	320 - 500	320 - 500

TEMPERATURE RANGE FOR USE OF SYSTEM 20 2030 SERIES HARDENERS

Temp °F	23	32	41	50	59	68	77	86	95	104	+113
Hardener											
2031											
2030											
2032											
2033											

TIPS & RECOMMENDATIONS

1. Knead the sachets of pigment thoroughly before dispensing into the primer. This ensures that the colour is dispersed evenly throughout the primer.
2. For best results, ensure that the pigment is added to the primer and thoroughly mixed before adding the hardeners & reducers.

PRODUCT ORDER CODES

PRODUCT ORDER CODE	PRODUCT DESCRIPTION	UNIT QUANTITY
UP 2220	Colour Match Primer Kit 3.25l Including tinters	4
UP 2221	Colour Match Primer Base 1L	6
UP 2222	Colour Match Primer Base 3.5L	4
UP 2500	Colour Match WHITE Pigment Packet	20
UP 2510	Colour Match YELLOW Pigment Packet	20
UP 2520	Colour Match BLUE Pigment Packet	20
UP 2530	Colour Match BLACK Pigment Packet	20
UP 2540	Colour Match RED Pigment Packet	20

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