

HS 5:1 PRIMER FILLER

DEFINITION

VERSIS are high solid, low emission, 2k acrylic primers that guarantee complete all-purpose use thanks to the 3 application methods available:

- High build filler
- Primer Surfacer
- Non sanding primer

In tandem its colour range ensures the equality of the finish whichever colour and filling power is used:

- S1.- white
- S4.- grey
- S7.- black

Moreover, the primers of the VERSIS line fulfil the EU environmental legislation regarding VOC emissions.

PHYSICAL CHARACTERISTICS

Nature: Acrylic 2K
Colour: White, grey, black
Specific weight: 1,4 kg/l at 20°C

	<i>High build filler</i>	<i>Primer Surfacer</i>	<i>Non sanding</i>
Dry film thickness:	80 microns	50 microns	15 microns
VOC:	407 g/l	487 g/l	497 g/l
Yield:	6 - 7 m ² /l	8 -10 m ² /l	16 - 18 m ² /l

Per coat
Mixing application
Per coat

AUXILIARY PRODUCTS

KX44 Slow hardener NS21 Non sanding convertor
KX45 Standard hardener VOC PLUS Low Voc Additive Standard
KX46 Fast hardener VOC PLUS Low Voc Additive Slow

		
<i>T° (°C)</i>	<i>Hardener</i>	
< 18	KX46	KX46
18 - 25	KX45	KX45 - KX46
> 25	KX44	KX44 - KX45

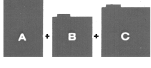
SURFACE PREPARATION

PROCESS		Paints OEM	Cataphoresis*	Polyester putties	Steel	Plastic**	Electrozinc-coated	Polyester
	P240	High build filler						
		✓	✓	✓	✓	✓	✓	✓
	DA93	✓	✓	✓	✓	✓	✓	✓
	P240-P320	Primer Surfacer						
		✓	✓	✓	✓	✓	✓	✓
	DA93	✓	✓	✓	✓	✓	✓	✓
	P400	Non Sanding						
		✓	✓	✓	✓	✓	✓	✓
	DA93	✓	✓	✓	✓	✓	✓	✓

(*) On cataphoresis it can be applied on non sanded degreased surface

(**) Additional information in the appendix.

MIXING RATIO

		High build filler		Primer Surfacer		Non sanding	
		Vol	Weight	Vol	Weight	Vol	Weight
	Versis	5	100	5	100	2	100
	Hardener	1	15	1	15	1	35
	NS21	-	-	-	-	1	35
	VOC PLUS Low Voc Additive Standard	-	-	1	13	-	-
	F/4 at 20°C	55"		25"		16"	
	20°C	20' - 30' (*)		40'		20'	
	25°C	15' - 25' (*)		30'		15'	
	30°C	10' - 20' (*)		25'		10'	

(*) Pot life data adding 5% of thinner

APPLICATION METHOD

		High build filler	Primer Surfacer	Non sanding
	HVLP	1,7 - 1,9	1,5 - 1,7	1,2 - 1,4
		2 - 3	2 - 2,5	2 - 2,5
	Coats	2 - 3	2	1 - 2
	20°C	5'	5' - 10'	3'

DRYING TIMES

		High build filler	Primer Surfacer	Non sanding
 20°C	KX44 - KX45	-	-	Min 15' Max 60'
 20°C	KX44	4 h	3 h	-
	KX45	3 - 4 h	2 - 3 h	> 1 h *
	KX46	3 h	2 h	-
 60°C	KX44 - KX45	25'	20'	-
 Medium wave 60cm	FLASH OFF	5'	5'	-
	FULL BAKE	20'	15'	-
 Short wave 80cm	FLASH OFF	5'	5'	-
	FULL BAKE	10'	10'	-

(*) In case of superficial imperfections, it can be sanded after 15' at 20°C

SANDING

		High build filler	Primer Surfacer	Non sanding
 ORBITE 3 - 5	INITIAL	P320	P400	-
	FINAL	P500	P500	SANDING PAD MICROFINE
	INITIAL	P600	P600	-
	FINAL	P800	P800	P1000

COLOUR TABLE

Grey Choice	Colours	Mixing ratio % weight		Recommended finishes
R1		100:0 (S1:S7)	100:0:0 (S1:S4:S7)	White Yellow Orange
R2		90:10 (S1:S7)	75:25:0 (S1:S4:S7)	Red
R3		50:50 (S1:S7)	0:100:0 (S1:S4:S7)	Light Green, light blue and light grey Metallic light green, blue, red and grey Metallic yellow, beige and orange
R4		25:75 (S1:S7)	0:50:50 (S1:S4:S7)	Dark green, blue and grey Metallic dark green, blue and grey
R5		0:100 (S1:S7)	0:0:100 (S1:S4:S7)	Black Metallic black

EQUIPMENT CLEANING

Clean with a cleaning thinner before the pot life has expired.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheet. Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between +5°C and +30°C.

SHELF LIFE

One year in unopened original packaging.

SUGGESTION:

Dilute with 5% of the high filling power primer when applied to temperatures up to 25°C, so we will obtain a better application and levelling.

APPENDIX: PLASTIC APPLICATION

Use Omniplast to improve adhesion to plastics:

- For an increase in productivity, add the additive together with the primer.
- For excellent adhesion results, apply before priming. In as little as 10-15 minutes, it will be time to apply Versis.

		<i>High build filler</i>	<i>Primer Surfacer</i>	<i>Non sandable</i>
		<i>Weight</i>	<i>Weight</i>	<i>Weight</i>
WITHIN THE PRIMER	Versis	100	100	100
	Hardener	15	15	35
	NS21	-	-	35
	VOC PLUS Additive Low Voc standard	-	7	-
	Omniplast	6	6	18
BEFORE PRIMING	Apply directly on a well prepared and degreased surface. It has excellent adhesion to PP, ABS, PC/PBT, etc.			

(*) For more information, please refer to the Omniplast TDS available on our official website.

These products are for professional use only. The Safety Data Sheet should be consulted before use and the precautionary warnings on the product packaging should be observed. Its correct use, according to its purpose and respecting its technical and security data, provided in these documents, is the sole and exclusive responsibility of the user. ROBERLO S.A.U declines any liability due to the incorrect use of any product.

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