

Technical Data Sheet

Date: 25-September-2026
Product Code: FL2019

ULTIMATE 2K HB PRIMER 4:1

ULTIMATE 2K HB Primer 4:1 is a versatile high-build primer suitable for use on a variety of substrates. It can be applied as a compact primer for minimal sanding, wet-on-wet primer or as a high-build primer filler to help level imperfections. The primer dries quickly, provides excellent build, and sands easily for efficient surface preparation. ULTIMATE 2K HB Primer 4:1 is available in Black, Grey and White.

Preparation

Surfaces must be clean, dry and free from dust, grease, oil or millscale etc. Carry out test spray before application.

Can be applied under solvent and waterborne basecoats.

Application

ULTIMATE 2K HB Primer 4:1 is a versatile primer and can be applied as either a High Build Primer, Compact Primer or Wet-On-Wet Primer. To get the desired primer results please follow the appropriate application methods.

Application Methods:

High Build Primer – page 2

Compact Primer – page 3

Wet-On-Wet Primer – page 4

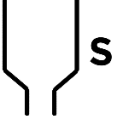


Health and safety "For professional use only"

Important: When using any new product, consult the "Health and Safety" data sheet. Always read the risks and precautions stated on the product label.

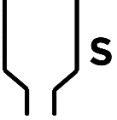
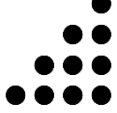
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High Build Primer Application

	ULTIMATE 2K HB Primer 4:1 Mix Ratio 4 : 1 : 10% 4 part FL2019 ULTIMATE 2K HB Primer 4:1 1 part FL2050 ULTIMATE 2K HS Fast Hardener 10% FL2021/2 Final Systems 2K Medium Thinner							
	Spray Viscosity 32 - 34 seconds DIN4 at 20°C	Spray Pressure 30 – 35 PSI						
	Spray Gun Fluid Tip HVLV Gravity feed fluid tip 1.6 - 1.8 mm							
	Film Thickness 120 – 140 microns							
	No. of coats 2 Pot Life Approx. 1 - 1 ½ hours at 20°C depending on hardener speed							
	Drying Times at 20°C Flash Off (Between Coats) Flash Off (Before Baking) Air Dry							
		5 to 10 minutes 5 to 10 minutes 3 to 4 hours <table border="1" data-bbox="408 1256 1142 1323"> <thead> <tr> <th>Hardener</th><th>Bake Time (60°C)</th><th>IR Drying Time</th></tr> </thead> <tbody> <tr> <td>Fast</td><td>20 minutes</td><td>8-10 minutes</td></tr> </tbody> </table> Accelerators such as Final Systems Rocket Fuel should NOT be used with ULTIMATE 2K HB Primer 4:1. ULTIMATE 2K HS Hardener Fast speed is suited to this product.	Hardener	Bake Time (60°C)	IR Drying Time	Fast	20 minutes	8-10 minutes
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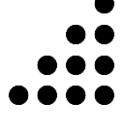
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Compact Primer Application

	ULTIMATE 2K HB Primer 4:1 Mix Ratio 4 : 1 : 20% 4 part FL2019 ULTIMATE 2K HB Primer 4:1 1 part FL2050 ULTIMATE 2K HS Fast Hardener 20% FL2021/2 Final Systems 2K Medium Thinner							
	Spray Viscosity 20 - 24 seconds DIN4 at 20°C	Spray Pressure 30 – 35 PSI						
	Spray Gun Fluid Tip HVLV Gravity feed fluid tip 1.4 - 1.6 mm							
	Film Thickness 60 – 70 microns							
	No. of coats 2 Pot Life Approx. 1 - 1 ½ hours at 20°C depending on hardener speed							
	Drying Times at 20°C Flash Off (Between Coats) Flash Off (Before Baking) Air Dry	5 to 10 minutes 5 to 10 minutes 3 to 4 hours <table border="1" data-bbox="408 1223 1142 1294"> <thead> <tr> <th>Hardener</th><th>Bake Time (60°C)</th><th>IR Drying Time</th></tr> </thead> <tbody> <tr> <td>Fast</td><td>20 minutes</td><td>8-10 minutes</td></tr> </tbody> </table> Accelerators such as Final Systems Rocket Fuel should NOT be used with ULTIMATE 2K HB Primer 4:1. ULTIMATE 2K HS Hardener Fast speed is suited to this product.	Hardener	Bake Time (60°C)	IR Drying Time	Fast	20 minutes	8-10 minutes
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Fast	20 minutes	8-10 minutes						

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Wet-On-Wet (WOW) Application

	ULTIMATE 2K HB Primer 4:1 Mix Ratio 4 : 1 : 30% 4 part FL2019 ULTIMATE 2K HB Primer 4:1 1 part FL2050 ULTIMATE 2K HS Fast Hardener 30% FL2021/2 Final Systems 2K Medium Thinner							
	Spray Viscosity 16 - 18 seconds DIN4 at 20°C	Spray Pressure 30 – 35 PSI						
	Spray Gun Fluid Tip HVLV Gravity feed fluid tip 1.3 - 1.4 mm							
	Film Thickness 30 – 35 microns							
	No. of coats 1 Pot Life Approx. 1 - 1 ½ hours at 20°C depending on hardener speed							
	Drying Times at 20°C Flash Off (Before Baking) Air Dry	5 to 10 minutes 30 to 40 minutes <table border="1" data-bbox="408 1193 1142 1261"> <thead> <tr> <th>Hardener</th><th>Bake Time (60°C)</th><th>IR Drying Time</th></tr> </thead> <tbody> <tr> <td>Fast</td><td>10 minutes</td><td>8-10 minutes</td></tr> </tbody> </table> Accelerators such as Final Systems Rocket Fuel should NOT be used with ULTIMATE 2K HB Primer 4:1. ULTIMATE 2K HS Hardener Fast speed is suited to this product.	Hardener	Bake Time (60°C)	IR Drying Time	Fast	10 minutes	8-10 minutes
Hardener	Bake Time (60°C)	IR Drying Time						
Fast	10 minutes	8-10 minutes						

Wet-On-Wet Primer must be overcoated within 12 hours.

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Technical Information

24 month shelf life when correctly stored in closed original container. Always replace and firmly close lid immediately after use.

Flash Point	31°C
Composition	Acrylic Resins
Colour	Black, Grey or White
Gloss	Matt
VOC (EC)	<540g/L in RFU (Ready for Use) form
Sanding – Dry Flat	P320 - P500
Sanding – Wet Flat	P600 - P800

Health & Safety

Refer to relevant Health & Safety or Material Safety Data Sheets.

The technical data contained herein is based on our present knowledge and experience. We cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests to ensure that the product is suitable for the intended application. All users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of the product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

