



## Universal LV Primer HB Gray

**Universal LV Primer HB is a 1K high build etch primer designed for use on bare metal as well as previously painted surfaces in sound condition. It can be sprayed wet-on-wet. This primer can be used under any Paladin topcoat.**



### Mix Ratio

Ready to use.

Can be reduced up to 50% using Paladin Zero VOC Reducers.



### Suitable Substrates

- Mild steel surfaces
- Sound existing coatings
- Glass reinforced polyester (GRP & general types of fiberglass body parts)
- Aluminum
- Galvanized steel, zincalume, zincanneal



### Surface Prep & Application

Sand and clean all areas prior to application with SCAT Wax & Grease Remover. Ensure all residue is removed prior to application.

Apply 1 coat followed by 2 medium wet coats.

Avoid heavy wet coats.



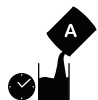
### Flash/Dry Times (Air Dry) @ 77°F (25°C)

Flash Between Coats: 10 minutes.

Air Dry: 1 – 2 hours.

Bake: 5 – 10 minutes at 122°F (50°C).

Must be topcoated within 24 hours.



### Pot Life

Indefinite – unreduced in a sealed cup.



### Sanding:

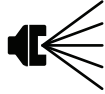
Wet sand with 600 – 800 grit before applying finish coat.

Dry sand with 400 – 500 grit using an orbital sander.



### Gun Set-up

Gravity Feed	1.3 – 1.4 mm
Suction Feed	1.3 – 1.4 mm
HVLP/LVLP	1.2 – 1.3 mm



### Air Pressure

Gravity/Suction Feed	30 – 35 psi at the gun
HVLP/LVLP	6 – 10 PSI at the gun



### Technical Data & Physical Properties

Mix Ratio.....	RTU	Pot Life .....	Indefinite
Theoretical Dry Film.....	120 ft <sup>2</sup> @ 1.0 mil	Dry Film Thickness .....	2.0 – 3.2 mils
Volume Solids .....	28.9%	Weight Solids.....	49.6%
Actual VOC .....	1.89#/gal (226g/l)	Regulatory VOC.....	3.42#/gal (410g/l)
Viscosity (RTS).....	BSB 4 Cup 22 – 24 sec; Ford 4 Cup 19 – 21 sec		

Shelf Life – 36 months minimum from date of manufacture in an unopened container at room temperature away from sunlight.



### Limitations

Stir all components thoroughly each time before use.  
Surface temperature must always be a minimum of 37°F (3°C) above dew point.



### Safety

Read all directions, safety warnings and SDS before using any Paladin Industrial Coating Products. **For use by professionally trained painters only. Not for sale or use by the general public. Keep out of reach of children.**

#### LIMITED WARRANTY

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