Technical Data Sheet



UV PRIMER AEROSOL

A super-fast curing high build primer using the latest innovative UV technology. Offers excellent adhesion to many substrates, including bare steel, aluminium, painted surfaces and most plastics.

Code: PROUVPRIME

Technical Data

Technical Information

Size	400ML
Basis of binder	Special epoxy resin
Colour	Grey
Temperature resistance to	90°C
Theoretical Coverage	1m^2
VOC Directive	2004/42/B(e): Max 840g/l
VOC Content	✔ Max 625.8 g/l in the ready to use form
Storage	Store in a cool dry place in original container between +10°C & +30°C
Shelf Life	10 years when stored in the above conditions
DFT 3 Coats	80-150 microns

The practical material consumption depends on several factors e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc

Application Guide

Substrates

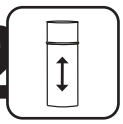
- Bare steel
- Old paint work
- Aluminium
- Fibreglass
- Many plastics
- Polyester bodyfillers
- PP. PA. BMC will need plastic primer or adhesion promoter first

Surface prep

- Clean surface with a suitable degreaser than abrade with P320
- Check that the areas to be sprayed are free of grease and dust, and are dry
- For best results warm panel first.
- Wear appropiate respirator and PPE

Application

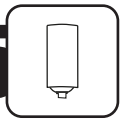
1 
For best results, warm the panel before spraying

2 
Shake aerosol for at least two minutes after the agitator ball is free

3 
Spraying from a distance of 250mm, apply an even coat.
Avoid applying heavy, wet coats.

4 

UV flash cure the coat for 30 seconds. Further coats can be added if a higher build is required.

5 
After spraying, invert aerosol and spray to clear valve, then clean the nozzle in thinners.

6 
Allow final coat to flash off naturally for 30 seconds before UV curing

7 
UV cure with a suitable lamp* for 60 seconds from a distance of 50mm and move slowly and evenly over the panel – avoid shocking the wet film by initially moving the lamp gradually closer to the primer.

8 
After final curing, the primer is immediately ready to sand with P500 to P800

9 
Always wear appropriate UV protective glasses when using UV lamp

* For optimum results, we recommend using a high power UV LED lamp.
- UV wavelength: 395 nm
- Minimum recommended power: 50W

Top Tips

- Pre warm repair
- Spray several even coats with a short flash off in between
- Warm the wet primer coat before UV curing
- Gradually apply UV lamp to avoid shocking the coating
- Clean the aerosol nozzle with thinners after use

Disposal

Completely emptied cans should be put in recycling skips or appropriate container. Cans which are not empty should be disposed of as special refuse.

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