

## GD 42

*Define | Design | Develop | Deliver*

**Gravel Defense 42** Rapid Cure Chip Guard from SWT Group is a unique approach to gravel protection. This water-based formula is not only an excellent chip guard and corrosion preventative, it can be rapid cured via exposure to 60°C for 2 minutes. **GD 42** is a single component paint which comes ready to spray. The processing savings coupled with easy application make this an ideal candidate for high volume production applications. As a non asphaltic coating, the UV resistance is closer to that of a traditional A-surface paint and it provides the added benefit of being available in custom colours.

Physical Properties (Typical)			
<b>Colour</b>	Black	<b>Solids by volume</b>	33 +/- 3%
<b>Viscosity</b>	600-715 (#4 @ 20)	<b>VOC Content:</b>	95 g/L
<b>Density</b>	8.4 Lbs / Gal	<b>Sag Resistance</b>	14 Mills

Performance Data			
Test	Method	Specification	Result
Salt Spray	ASTM B117	<1% @ 120 Hrs	Pass
Flammability	FMVSS 302	No flame propagation	Pass
Chip Resistance 1.5Mil DFT @20C	ASTM D3170	5-9 chips (1-3mm)	7B
Chip Resistance 1.2Mil DFT @ -20C	ASTM D3170	2-4 chips (<1mm)	8A
Heat Resistance	SWT Internal - 1 hr@90C	No evidence of runs	Pass
Dry Time	Cure 60C / 120 secs	Dry to touch	Pass

### Surface Preparation

Surface must be clean and dry, free of water, oils and other contaminants. Product can be used on direct to metal, e-coated or galvanized substrates. If there is pre-existing rust, the large scale should be removed and treated with an etch primer or rust converting coating.

### Application

HVLP, Airless or Air assist airless spray equipment is recommended for application. The coating is single component and does not require mixing in line or at the gun. Set-up is typical to that of gravity fed spray guns and can be applied with detailed accuracy. Exposure to 60°C for 2 minutes is required to make the coating dry to touch.

The ratings and data contained herein are based on information obtained through controlled laboratory methods. We recommend that the customer determine the suitability of these materials before adopting them for its own use