

CavityPro 100

Define | Design | Develop | Deliver

CavityPro 100, developed by SWT Group, is a 100% solids coating that **heat cures in 60 secs at 60C** which has been designed specifically for high volume production applications. **CP100** cures via reaction rather than evaporation of carrier solvents or water, resulting in near 100% transfer efficiency. Recommended uses include automotive applications with closed space geometries such as door cavities and cradles and frames. In the container, **CavityPro 100** is a low VOC, solvent free liquid mixture of resins, rust inhibitors and other key additives and is easily applied using common spray equipment. It has excellent sag resistance even in elevated temperatures. Once the product is applied, a reaction begins that results in a firm waxy film with outstanding corrosion resistance.

CP 100's excellent adhesion and film forming properties make this product ideal for direct to metal automotive and industrial applications that require superior corrosion resistance at low film builds. Unlike many corrosion preventatives, **Cavity Pro 100** offers higher performance levels at significantly lower dry film thicknesses, reducing the time required for application, product usage and cost.

Physical Properties (Typical)			
Colour	Clear	Solids % by volume	99.3 +/- 0.5
Flash Point	218°C(425°F)	VOC Content:	< 1g/L
Density	8.15 lb/gl (0.97 g/mL)	Viscosity	1500-2000 cP (#5 @ 20 rpm)

Performance Data			
Test	Method	Specification	Result
Salt Spray	ASTM B117	<3% @ 500 Hrs	Pass
Penetration	FCA Method 3.1.6 MS-12540	40-50 mm creep	Pass
High Temp Sag Resistance	SWT- Internal -1 hour @ 90°C	<5mm sag	Pass
Low Temp Mandrel Bend	SWT- Internal -7 days @ -20°C	No cracking at bend line	Pass

Surface Preparation

Surface must be clean, dry and free of loose scale, rust and related contaminants.

Application

Since this coating has a thixotropic rheology, it can be applied using all types of spray equipment. Typical starting points are a 15:1 airless pump with a 0.017" tip and a 150-200 micron filter. Other application equipment including cavity misting lines and undercoating siphon guns can also be used.

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