

TECHNICAL DATA SHEET



SHERWIN-WILLIAMS.

Aquaguard™ P107 Black Aquaguard™ P107 黑色水性漆		Version 版本号	Rev 01
Product Code: WRA2211 产品代码: WRA2211			
Type of Coating 涂料类型: 1K Waterborne anticorrosive paint based; chrome and lead free, fast drying with early water resistance. Good adhesion on blasted steel. For other substrates, please contact Sherwin lab. 单组分水性防腐漆, 无铬无铅, 干燥快, 早期耐水型好。在喷砂钢板上均有良好附着力。对于其他底材, 请与宣伟技术部门联系确认。			
Areas of Application 应用领域: Can be used as self-primer mono-coat or anti-corrosive primer, used with water base topcoat of alkyd, acrylic or polyurethane. Can be used as anti-corrosive paint on railcar, camion, off-road equipment, container and other transportation equipments. 可以作为底面合一单一涂层使用; 也可以作为防腐底漆, 与醇酸、丙烯酸以及聚氨酯等多种水性面漆配套, 可应用于铁路车辆, 集装箱, 载重汽车, 各种非路面机械以及各种物流设备的防腐。			
Technical Data 技术参数: All data refer were determined under standard conditions at 23±2 °C 55±5% relative humidity. 以下所有数据是在标准条件下 (温度为 23±2 °C, 相对湿度为 55±5%) 测得的。			
Product Line 产品系列		AQUAGUARD™ P107	
Color 颜色	Visual 目视	Black 黑色	
Gloss 光泽 (60°)		≤10%	
Viscosity 粘度 (KU @ 25°C)		65-85	
Theoretical Density (Kg/Liter) 理论密度		1.39	
Theoretical Solids by Weight 理论重量固含量		61.6%	
Theoretical Solids by Volume 理论体积固含量		46.2%	
Percent Solvent (wt%) 溶剂含量(重量%)		≤1.9%	
Theoretical VOC content(g/L) 理论 VOC 含量 (g/L)		32	
Dry to touch 触干时间		15 min	
Handling dry 搬运干燥时间		30 min	
Dry film Thickness 干膜厚度		30-40 microns	

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Anti-sagging 抗流挂		200 microns wet
Cure Schedule 烘干时间		10' @ 60°C (<80 °C)
Coverage (25 micron DFT) 理论涂布率		18.4 sqm/liter 平方米/升
Shelf Time (10-35 °C) 保质期		12 months 12 个月
Thinner 稀释剂		Water 水

Instructions for Use 使用说明:

Surface Pretreatment 表面预处理:

Sand-blasting according to EN ISO 12944, part 4 Sa 2.5 is recommended. All other surfaces have to be dry and free of any foreign substances, e. g. oil, and release agents. The durability of the coating system largely depends on the thorough preparation of the surface.

根据 EN ISO 12944 标准, 推荐用 part 4 Sa 2.5 将底材表面打砂处理。所有其它表面要求干燥且无任何杂质, 如油污、脱模剂等, 涂料体系的耐久性很大程度上取决于表面的预处理

Adjustment for Use if Needed with tap water:

必要时用自来水进行调整

Airspray Application: 空气喷涂:	Add below 5 % water to adjust to 19-25 seconds in the DIN 4 cup. 加入 5% 以下的水将粘度调至 19-25 秒 (粘度杯为 DIN 4 号杯)
Airless Application: 无气喷涂:	Undiluted. As an exception reduce with water. 通常不用稀释, 若特殊需要可用水稀释。
Application Temperature: 施工温度:	+15°C minimum 至少+15°C
Substrate Temperature/ 底材温度:	+3°C above dew point/ 高于露点+3°C
Relative Humidity 相对湿度:	85 % maximum 低于 85 %

Coating System 涂料体系:

As a Primer with DFT of 30-40 micron, topcoat can be Aquaguard™ I227 or Aquaguard™ T717

底漆干膜厚度喷涂 30-40 微米, 配套面漆可为 Aquaguard™ I227 或 Aquaguard™ T717

**Safety Notes 安全注意事项:**

Flashpoint 闪点: Not applicable 不需要
No dangerous good 非危险品

Wise precautions**预防措施:**

During application all health and safety measures referring to the use and handling of coating materials are to be observed, e. g. existing regulations issued by the trade associations in the chemical industry.

施工时，请穿戴好个人防护用品，并遵守关于使用和处置涂料时应采取的健康与安全措施，如化工协会已颁布的现有规章制度。

Notes: All recommendations in words and writing given on the use of our products to customers or users are not binding and do not give reasons for secondary obligations resulting from the bill of sale. Every care is taken to ensure that the technical information provided is accurate and up to date according to the present state of knowledge in science and our experience. These recommendations do not, however, exempt the customer from autonomously checking if our products are suitable for the intend purpose. Furthermore our general terms of delivery and payment are applicable.