



725-E47 无机硅酸锌车间底漆-灰色/蓝色/绿色/红色  
Inorganic zinc silicate shop primer-Grey/Blue/Green/Red

产品概述  
Product Description

- 两罐装含锌硅酸乙酯车间底漆 A two pack zinc pigmented ethyl silicate shop primer.
- VOC 小于 645g/L VOC less than 645g/L.

用途  
Intended Uses

- 用于保护钢板的车间底漆 A shop primer for the protection of steel.
- 耐候性好 Long term weathering protection.
- 焊接切割性能优异 Good welding and cutting performances.
- 毒害性低 Low health hazard.

产品信息  
Product Information

体积固体份 Volume Solids	28%±2%									
光泽度 Finish/Sheen	无光 Matt									
标准膜厚 Typical Film Thickness	15 μm 干膜厚 (53.5 μm 湿膜厚) 15 microns dry (53.5 microns wet)									
理论涂布率 Theoretical Coverage	18.7m <sup>2</sup> /L(标准膜厚) 18.7m <sup>2</sup> /L at typical film thickness									
混合比 Mix ratio	1:1 (体积比) 2.3:1 (质量比) 1:1 (volume) 2.3:1(mass)									
施工方法 Method of Application	无气喷涂 Airless Spray									
空气喷涂 Air Spray	推荐使用 Recommended 喷嘴尺寸 Tip size range 0.38-0.53mm 出口压力 Output pressure ≥15MPa									
刷涂/辊涂 Brush/Roller	喷嘴尺寸 Tip size range 1.5-2.0mm 出口压力 Output pressure ≥0.4MPa									
稀释剂 Thinner	适用于小面积施工 For small area only 不推荐使用，在特殊情况下，使用X-107 (最多不超过体积总量的5%) Not recommended. Use water only in exceptional circumstances (max 5% by volume)									
设备清洗剂 Cleaner	X-107									
熟化时间 Induction Period	不需要 Not necessary									
干燥参数 Drying Information	<table border="1"> <thead> <tr> <th>10°C</th> <th>25°C</th> <th>35°C</th> </tr> </thead> <tbody> <tr> <td>10min</td> <td>5min</td> <td>3min</td> </tr> <tr> <td>7h</td> <td>6h</td> <td>5h</td> </tr> </tbody> </table>	10°C	25°C	35°C	10min	5min	3min	7h	6h	5h
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复涂参数 Overcoating Data	底材温度 Substrate Temperature									
复涂下列产品时 Overcoated by	<table border="1"> <thead> <tr> <th>10°C</th> <th>25°C</th> <th>35°C</th> </tr> </thead> <tbody> <tr> <td>Min Max</td> <td>Min Max</td> <td>Min Max</td> </tr> </tbody> </table> 注：最短复涂间隔为24小时。详询双瑞涂料 Note: Consult Sunrui company, minimum of 24 hours for appropriate primers	10°C	25°C	35°C	Min Max	Min Max	Min Max			
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贮存 Storage	贮存时应保持通风、干燥、防止日光直接照射，并应隔绝火源，远离热源，包装容器必须密闭。在25°C的条件下甲组分贮存期为12个月以上，乙组分贮存期为6个月（应以实际检验结果为准）。 Store in cool and dry conditions. Well ventilate. Keep away from hot and fire. Part A has a shelf life of 12 months minimum at 25°C, and 6 months minimum to Part B at the same condition Subject to re-inspection thereafter.									
包装规格 Pack Size	甲组分 20L 容器装20.5kg/10L Part A 20.5kg/10L in 20 L container 乙组分 10L 容器装8.9kg/10L Part B 8.9kg/10L in 10 L container									
闪点 Flash Point	甲组分 大于14°C Part A Greater than 14°C 乙组分 大于14°C Part B Greater than 14°C 混合漆 大于14°C Mixed paint Greater than 14°C									

体系及配套性  
Systems and Compatibility

最适合配套体系请咨询双瑞涂料销售代表。  
Consult your Sunrui Representative for the systems best suited for the surfaces to be protected.

表面处理  
Surface Preparation

采用高压淡水或一般淡水冲洗，或等效处理，并按照SSPC-SP1溶剂清理标准除去所有油脂、可溶性污染物及其他污物。所有待涂装表面应保持清洁、干燥。

High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning. All surfaces to be coated should be clean, dry and free from contamination.

应用自动抛丸/喷漆机对钢板进行表面处理，达到Sa2.5级 (GB/T 8923-1988)。

Steel surface should be prepared to Sa2.5 (GB/T 8923-1988), using automatic blasting/spraying equipment.

磨料通常采用棱角钢砂或钢砂钢丸混合物，钢砂直径为0.6-1.0毫米，钢丸直径为0.6-1.4毫米，这样可以获得合适的粗糙度。

Steel grit or a mixture of steel grit of particle size 0.6-1.0mm and steel shot of particles size 0.6-1.4mm are normally used to give a appropriate coarseness.

在钢板氧化发生之前喷上725-E47。如果钢板表面已经发生氧化，整个氧化区域必须重新喷砂至上述标准。

Apply 725-E47 before oxidation occurs. If oxidation has occurred, the entire oxidized area should be reblasted to the standard specified above.

限 定  
Limitations

干燥时间取决于钢板的表面温度和通风条件。相对湿度低于50%，固化将会延迟。

Drying time will depend on the substrate temperature and ventilation. If the relative humidity is below 50%, cure will be retarded.

725-E47不推荐作为装配后的修补底漆。

725-E47 is not recommended for use as touch-up primer after fabrication.

避免长期吸入溶剂气体或漆雾，皮肤、眼睛不得接触本品，施工时注意做好通风及防火措施。

Avoiding absorb the solvent steam and paint steam for long time. Skin and eyes must avoid contacting the paint. Pay attention to ventilate and fireproof when applying.

责任声明  
Duty statement

本产品说明书中提供的信息完全基于我们在实验室和实践中所获得的，但由于产品的使用通常都是在我们控制范围之外，我们只给予产品本身质量的保证。我们保留不预先通知而修改说明书的权利。

The data in the sheet base on the information from the laboratory and practice. The application may exceed the control, so we only ensure our product quality. We own the right of the data sheet modification without informing.