

**FX01-18 无溶剂液体环氧涂料****FX01-18 Solvent-Free Liquid Epoxy Coating**

|                                |   |  |                  |
|--------------------------------|---|--|------------------|
| 产品特性<br>Characteristics        | 优异的耐冲击性，耐磨性，极好的附着力<br>Excellent resistance to impact and abrasion.<br>优良的耐介质腐蚀性和抗渗透屏蔽性能<br>Excellent medium corrosion resistance and shielding properties.<br>对环境无污染，施工安全，对人员无伤害<br>Environmentally friendly, safe in application, harmless to workman. |  |                  |
| 产品用途<br>Uses                   | 主要用于电厂、污水处理设备，埋地石油管道，埋地储罐防护涂装。<br>As protective coating for power plant, floor, inside wall of large steel box, drainage equipments, petroleum pipe line and internal walls of storage tanks.   |  |                  |
| 颜色<br>Color                    | 各色<br>All colors  |  |                  |
| 施工条件<br>Application conditions | 无气喷涂<br>Airless spray   | 推荐<br>Recommended                                |                  |
|                                | 喷嘴尺寸<br>Nozzle tip  | 0.4~0.5mm  |                  |
|                                | 压力<br>Fluid pressure  | 100~150kg/cm <sup>2</sup>                        |                  |
|                                | 稀释比率<br>Thinning  | —  |                  |
|                                | 适用于常规的喷涂、刷涂和辊涂<br>May be applied by spray, brush, or roller.  |  |                  |
| 混合比率<br>Mixing ratio           | 双组分：<br>Two-pack:   | 主剂/固化剂=4/1（重量比）<br>base/hardener = /1(by weight) |                  |
| 混合使用期<br>Pot life              | 温度：<br>Temperature:   | 20℃<br>20℃                                       | 30℃<br>30℃       |
|                                | 混合使用期：<br>Pot life :  | 30mins<br>30mins                                 | 25mins<br>25mins |
| 涂装膜厚<br>Film thickness         | 干膜: 200μm/道<br>Dry:200μm /coat  | 湿膜: 203μm /道<br>Wet:203μm /coat                  |                  |
| 固体含量<br>Solid content          | 99%   |  |                  |
| 比重<br>Specific gravity         | 1.6   |  |                  |
| 涂覆率<br>Coverage rate           | 理论值 : 0.35 千克/平方米/200μm<br>Theoretical:0.35kg/m <sup>2</sup> /200μm<br>实际值 : 与表面处理, 外界环境, 施工方法等多种因素有关。<br>Actual: depending on the surface treatment, environment and application methods.  |  |                  |



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| 干燥时间<br>Drying time           | 温度<br>Temperature  | 20℃        | 30℃        |
|                               | 指触干燥<br>Dry to touch   | 5hrs       | 4hrs       |
|                               | 实干:<br>Dry to handle   | 24hrs      | 24hrs      |
| 涂装间隔<br>Coating interval      | Min. 最小<br>Max. 最大   | 12hrs<br>— | 10hrs<br>— |
| 储存期限<br>Shelf life            | 一年<br>12 months  |            |            |
| 包装规格<br>Packing specification | 双组份包装: 24kg 为一组, 组份一为 21kg, 组份二为 3kg<br>2K packaging: A kit 24kg contains Part A 21kg and Part B 3kg.  |            |            |
| 表面处理<br>Surface preparation   | 用清水冲去盐分以及其它水溶性污物。<br>Remove salts and other water soluble contaminants with fresh water.<br>依照 SSPC-SP1 溶剂清洗标准除去油脂。<br>Remove oil in accordance with the solvent cleaning standard SSPC-SP1.<br>用喷砂方式除去铁锈、氧化皮和损坏的车间底漆达到 ISO Sa2.5 (SSPC-SP10)。<br>Remove rust and scale by sand blasting to ISO Sa 2.5 (SSPC-SP10) .<br>用高压空气吹扫除去灰尘等污物。<br>Remove the contaminants like dust with high pressure blower.<br>施工前确认表面清洁干燥。<br>Confirm the surface clean and dry before working.   |            |            |
| 涂装配套<br>Coating system        | 适用下涂: 环氧富锌底漆、环氧封闭底漆<br>Preceding coat: epoxy zinc-rich primer, epoxy primer sealer.<br>适用上涂: 环氧面漆、丙烯酸聚氨酯面漆、氟碳面漆或参考我公司的配套<br>Subsequent coat: epoxy finish, acrylic polyurethane finish and fluorocarbon finish, or refer to our coating system.  |            |            |
| 安全注意事项<br>Safety precautions  | 任何油漆施工中均应保证提供以下措施:<br>The following shall be guaranteed during any paint applications:<br>避免接触皮肤和眼睛。<br>Avoid skin and eye contact.<br>如果油漆接触到皮肤或眼睛, 应用大量水冲洗并立即就医。<br>In case of skin or eye contact, flush with large amount of water and immediately get medical attention.<br>保证良好的通风。<br>Assure well-ventilated working place.<br>小心火灾或爆炸。<br>Take precautions of the risks of fire or explosion.<br>现场遵守一切健康安全规定。<br>Observe all health and safety regulations on site  |            |            |
| 提醒注意<br>Declaration           | 本说明书所提供信息均为目前我方所掌握最全面正确的资料, 鉴于产品使用条件非我方所能控制, 此中信息不含担保, 即仅在选取产品上对买方负责。由于我公司产品及生产工艺的不断发展, 此中所有信息均以我方确认为准。<br>The information given on this technical data sheet is correct to the best of our knowledge. In consideration of the application conditions of the product are beyond our control, so no guarantee is involved herein, namely, we are responsible for the buyers only in terms of their selecting a product. All data must be clarified from our company because of the constantly improvement of our product and its manufacturing process. |            |            |