



常州东方涂料（尼日利亚）有限公司

CHANGZHOU DONGFANG COATING(NIGERIA)CO.,LTD

产品技术参数 Product Technical Data

H06-1 环氧富锌底漆

H06-1 Epoxy Zinc-rich Primer

产品说明

Product Description

一种双组份，环氧富锌底漆，符合 SSPC Paint 20 中的成分和性能要求。

A two-component epoxy zinc-rich primer conforming to composition and performance requirements in SSPC paint 20.

设计用途

Intended Uses

这是一种高性能底漆，作为防腐涂料系统的一部分，可为各种恶劣腐蚀性环境提供最佳保护作用，包括：海上结构物、石化厂、造纸厂、桥梁和发电厂。

This product is a high performance primer. As part of an anti corrosive paint system, it provides optimal protection against a variety of harsh and corrosive environments, including offshore structures, petrochemical plants, paper mills, bridges and power plants.

H06-1 可用于原有金属结构的维修保养，也能使新结构获得极佳的防腐蚀能力。

H06-1 can be used for the maintenance of the original metal structure and can also make the new structure obtain excellent corrosion resistance.

涂装数据

Coating Data

颜色 Color	灰色等有限范围颜色 Gray and limited range of colors.			
光泽 Gloss Level	哑光 matte			
体积固体份 Volume Solids	56±2%			
典型厚度 Typical Thickness	干膜厚 50-75 微米 dry film thickness of 50-75 microns.			
理论涂布率 Theoretical Coverage	在 75 微米干膜厚度情况下，7.47 平方米/公升 7.47 m ² /L at the dry film thickness of 75 microns.			
实际涂布率 Practical Coverage	允许适当的损耗系数 allow proper loss coefficient			
施工方法 Method of Application	空气喷涂，无气喷涂，刷涂 air spraying, airless spraying, brush coating.			
干燥时间 Drying time	推荐面漆重涂间隔 Overcoating interval with self			
温度 Temperature	表干 Touch Dry	硬干 Hard Dry	最小 Minimum	最大 Maximum
5°C	3 小时/ hours	24 小时/ hours	24 小时/ hours	无限制/Unlimited
15°C	2 小时/ hours	12 小时/ hours	12 小时/ hours	无限制/Unlimited
25°C	1.5 小时/ hours	8 小时/ hours	8 小时/ hours	无限制/Unlimited
40°C	1 小时/ hours	4 小时/ hours	4 小时/ hours	无限制/Unlimited

产品数据

Product Data

产品重量 Product Weight	理论值 Calculated :2.41 kg/L				
包装规格 Pack Size	包装规格 Unit Size	A 组份 Part A		B 组 Part B	
	15 公升 litre	体积 Vol	包装 Pack	体积 Vol	包装 Pack
		11.5 公升 litre	20 公升 litre	3.5 公升 litre	4 公升 litre
关于可提供的其它包装规格，请与我们联系。 For availability of other pack sizes, please contact us.					
贮存 Storage	贮存期限 Shelf Life	在 25° C 时，至少为 12 个月。此后应在检查后再使用。贮存于干燥、阴凉的环境之中，远离热源及火源。 12 months minimum at 25°C. Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.			

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表面处理

Surface treatment

所有待涂表面应清洁、干燥且无污染物。涂覆前，所有表面应按照 ISO 8504: 2000 标准进行评估和处理。

All surfaces to be coated shall be clean, dry and free from contaminants. All surfaces shall be evaluated and treated in accordance with ISO 8504:2000 prior to application.

油和油脂应按照 SSPC-SP1 溶剂清理标准除去。

Oil and grease shall be removed according to SSPC-SP1 solvent cleaning standard.

喷射处理

Abrasive Blast Cleaning

磨料喷砂清理至 Sa2.5 (ISO 8501-1:2007) 或 SSPC-SP6 的标准。如果在喷砂清理和施工 H06-1 的间隔内发生了氧化，表面应再行喷砂清理至规定的目视标准。

The steel surface is sand-blasted to conform to Sa2.5 (ISO 8501-1:2007) or SSPC-SP6 standard. If oxidation occurs between sand blasting and H06-1 application, the surface shall be sand-blasted to conform to the specified visual standard.

在喷砂清理过程中暴露出来的表面缺陷，应打磨、填没或以合适的方式进行处理。

Surface defects exposed during the sand blasting process shall be polished, filled or treated in a suitable manner.

建议表面粗糙度为 40-75 微米。

It is recommended that the surface roughness be at least 40-75 microns.

预涂有车间底漆的钢结构

Steel structure precoated with shop primer

H06-1 适用于刚刚涂上硅酸锌车间底漆的钢结构上。

H06-1 is suitable for steel structures that have just been coated with zinc silicate shop primer.

如果含锌车间底漆已经产生了大量的大面积破损，或者产生了大量的锌盐，那么就需要进行全面的扫砂清理。其他种类的车间底漆不适合重涂，均需采用喷砂方式进行彻底清除。

If the zinc shop primer has produced a massive large area damage or a large number of zinc salts, comprehensive blast cleaning will be required. Other types of shop primers are not suitable for repainting and shall be thoroughly removed by sandblasting.

焊缝和损坏区域需至少处理到 St3 (ISO8501-1:2007) 或 SSPC-SP3。喷砂处理至 Sa2.5 级 (ISO 8501-1:2007) 或 SSPC SP6，可以获得最佳性能。如果达不到这个要求，推荐采用动力工具处理达到 SSPC-SP11。

Welds and damaged areas shall be at least treated to conform to St3 (ISO8501-1:2007) or SSPC-SP3. They shall be sand-blasted to Sa2.5 (ISO 8501-1:2007) or SSPC-SP6 to obtain the optimum performance. If this requirement is not met, it is recommended to treat with a power tool to achieve SSPC-SP11.

施工说明

Construction description

混合 mixing

本产品分两罐装，组成一个单元。使用时应按规定比例成对一次性混合。一经混合，必须在规定的混合寿命内使用。

This product is filled in two cans which form a unit. When being used, they shall be mixed in pairs by the prescribed proportion. Once they are mixed, it must be used within the specified mixing life.

(1) 采用动力搅拌器搅拌基料 (A 组分)。

(1) Stir base materials (component A) with a power stirrer.

(2) 将全部固化剂 (B 组分) 和基料 (A 组分) 混合，并采用动力搅拌器彻底搅拌。

(2) Mix all curing agents (component B) and base materials (component A) and thoroughly stir with a power stirrer.

11.5: 3.5 体积比 by volume

混合比例 Mixing ratio

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混合使用寿命 Mixing service life	10°C	15°C	25°C	40°C
	24 小时/hours	12 小时/hours	5 小时/hours	2 小时/hours
推荐施工方法 Recommended construction method	无气喷涂 喷嘴直径 0.43-0.53 毫米喷嘴处的油漆总压力不低于 176 千克/平方厘米 Airless spraying: nozzle diameter: 0.43-0.53mm; the total paint pressure at the nozzle shall not be less than 176 kg/cm ² .			
稀释剂 thinner	环氧专用稀释剂 Epoxy thinner			
作业暂停 Operation suspension	不要让涂料保留在漆管、喷枪或喷涂设备中。采用专用环氧稀释剂彻底冲洗所有设备。油漆混合后不宜重新密封，如果工作中断时间过长，建议重新混合一组新的油漆进行施工。 Do not retain paint in the paint tube, the spray gun or the spraying equipment. Rinse all equipment thoroughly with epoxy thinner. It is not recommended to reseal the paint after mixing. If the work is interrupted for too long time, it is recommended to remix a set of paints for construction.			
清洗 Cleaning	所有设备在使用后，应立即采用环氧稀释剂进行清洗。在日常工作过程中定时冲洗喷涂设备，是一个良好的习惯。清洗频率取决于喷涂量、温度、喷涂时间，包括中断的时间等因素。 All equipment shall be cleaned immediately with epoxy thinner after use. It is a good habit to wash the spraying equipment regularly in daily work. The cleaning frequency depends on quantity of spray, temperature and spraying time, including interruption time and other factors. 剩余漆料和空罐均应根据有关的地区法规处理 Residual paint and empty cans shall be disposed in accordance with the relevant regional regulations			

产品特性

Product characteristics

为了确保良好的耐腐蚀性能，必须使 H06-1 达到 40 微米的最低干膜厚度。所施工的 H06-1 的膜厚必须与表面处理所达到的表面粗糙度相配套。在粗糙度大的表面上不应施工低膜厚。

In order to ensure good corrosion resistance, the minimum dry film thickness of H06-1 must be 40 microns. The film thickness of the applied H06-1 must match the surface roughness achieved by surface treatment. The film thickness shall not be low on the surface with high roughness.

应避免施工的干膜厚度超过 150 微米，施工时应尽量避免涂覆过厚，如果漆膜过厚，会影响与下道漆膜间的层间附着力，同时还应避免干喷，否则涂层会出现针孔。

The dry film thickness during application shall not be over 150 microns, and excessive coating shall be avoided during application. If the paint film is too thick, the adhesion between the film and the next film will be affected. Meanwhile, dry spraying shall be avoided, otherwise pinholes will occur.

H06-1 的涂覆过厚会延长最短复涂时间和搬运时间，对长期复涂性能造成不良影响。

Excessive coating thickness of H06-1 will extend the minimum coating time and handling time, which will adversely affect the long-term coating performance.

当 H06-1 被允许在面漆涂布之前经受气候侵蚀时，应保证在涂漆之前将所有锌盐除掉，仅使用推荐的材料进行面漆涂施。

When H06-1 is allowed to undergo weathering prior to finish coating, all zinc salts shall be removed prior to painting, and only recommended materials shall be used for finish application.

被涂表面温度必须至少高于露点 3° C。

The coated surface temperature must be at least 3°C above the dew point.

建议不要将 H06-1 用于水下。

It is not recommended that H06-1 be used underwater.

H06-1 适用于局部修补的无机锌底漆

H06-1 is an inorganic zinc primer for local repair.

系统配套性

System compatibility

建议以下油漆与 H06-1 环氧富锌底漆配套使用：H53-85 环氧中间漆、H53-81 厚浆型环氧通用油漆、S52-68 脂肪族聚氨酯面漆、FC52-68 氟碳面漆、S52-2 丙烯酸聚氨酯面漆。

It is recommended that the following paints be used together with H06-1 epoxy zinc rich primer, H53-85 epoxy intermediate paint, H53-81 high build general-purpose epoxy paint, S52-68 aliphatic polyurethane finish, FC52-68 fluorocarbon finish and S52-2 acrylic polyurethane finish.

还可提供其他油漆配套使用，请向常州东方涂料尼日利亚有限公司咨询。

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Other paints are also provided for compatible application. Please consult with CHANGZHOU DONGFANG COATING (NIGERIA) CO., LTD.

安全注意事项

Safety precautions

本产品旨在仅由工业领域中的专业施工人员按照本手册，材料安全数据手册和包装容器上所给定的建议进行施工，未经查阅常州东方涂料尼日利亚有限公司为其客户提供的材料安全数据手册（MSDS），不应使用本产品。

This product shall be used by professional coating workers on the production site in accordance with the recommendations in this manual, the material safety data sheet and the instructions on the packaging containers. This product shall not be used without consulting the material safety data sheet (MSDS) provided by CHANGZHOU DONGFANG COATING(NIGERIA)CO.,LTD. to its customers.

所有于施工和使用本产品有关的工作，都必须根据各种有关的国家卫生、安全和环保标准与法规进行。

All work related to the construction and use of the product must be carried out in accordance with the relevant national health, safety and environmental standards and regulations.

如果需要在涂有本产品的金属上进行焊接或火焰切割，会产生粉尘和烟雾，因此需要用合适的个人防护设备及充分的局部通风措施。

If welding or flame cutting is required on the metal coated with the product, dust and smoke will be generated. Therefore, appropriate personal protective equipment and adequate local ventilation will be required.

如果对本产品的适用性存在疑惑，请向常州东方涂料尼日利亚有限公司咨询。

If there is any doubt about the applicability of this product, please consult with CHANGZHOU DONGFANG COATING (NIGERIA) CO., LTD

重要说明

Important explanation

产品说明书中所提供的资料并非详尽无遗，任何人因任何目的，未首先经我们书面确认而使用本说明书特别推荐以外的任何产品，则自行承担产品对其预期目的适用性这一风险。虽然以我们的最佳认知，对产品所提供的所有建议或声明（无论在本说明书中或以其他方式提供的）均正确无误，但我们无法控制底材的质量或状况或影响该产品使用和应用的多种因素。因此，除非我们书面特别同意这种做法，否则我们对于所生产的任何产品性能问题，或因使用产品而导致的损失或损坏概不负责（在法律允许的最大范围内）。在此，我们不承担通过法律运作或其他方式的任何明示或暗示的担保或陈述包括但不限于暗示的适销性担保或针对特定用途的适用性的担保。所有供应的产品及提供指导受我们的标准销售条款和条件支配。您应要求获取本文件的副本并仔细阅读。本产品说明书所包含资料将根据经验及我们发展的政策随时进行修改。在使用产品前，与当地代表一起检查所持产品说明书为最新版本是客户的职责。

The information provided in the product manual is not exhaustive. Any person who uses any product other than those specifically recommended in this manual for any purpose without our written confirmation shall be at the risk of the product's suitability for its intended purpose. Although all suggestions or statements made about the product (whether in this manual or otherwise) are correct in our best understanding, we cannot control the quality or condition of the substrate or the factors affecting the use and application of the product. Therefore, we shall not be liable (to the maximum extent permitted by law) for any performance problem of the products or any loss or damage caused by the use of the products unless we specifically agree to such practice in writing. We hereby disclaim any express or implied warranties or representations, whether by legal operation or in other ways, including but not limited to implied warranties of merchantability or fitness for a particular purpose. All supplied products and instructions are subject to our standard sales terms and conditions. You should request a copy of this document and read it carefully. The information contained in this product manual will be modified from time to time according to experiences and our development policy. It is the customer's responsibility to check the latest version of the product manual with the local representative before using the product.