



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

H53-81 厚浆型环氧通用油漆

H53-81 High Build General-purpose Epoxy Paint

产品说明

Product Description

这是一种厚浆型，高性能，双组份，环氧树脂漆，具备优异的耐化学性及耐磨性。

It is a high-build, high-performance, two-component epoxy resin paint with excellent chemical and abrasion resistance.

设计用途

Intended Uses

适用于作为高性能涂料系统的一部分，为强腐蚀性区域提供防腐阻隔。

It is suitably used as high-performance coating system to provide corrosion resistance in highly corrosive areas.

H53-81 可以作为高耐候性面漆的底漆、有色的中间漆/内层漆使用，还可以在不需要高装饰性效果的地方做面漆使用。

H53-81 can be used as a primer, a colored intermediate/undercoat for high performance durable finishes or alternatively, can act as a finish coating where a high quality, decorative finish is not required.

广泛用于新结构涂覆和原有结构的维修保养，适合海上设施、化工厂、电站、纸浆和造纸厂等。

Widely used for new structure coating and original structure maintenance, and suitable for offshore facilities, chemical plants, power plants, pulp and paper mills, etc.

涂装数据

Coating Data

颜色 Color	灰色、铁红色及配置多种颜色 gray, red iron and many other colors			
光泽 Gloss Level	半光 half matte			
体积固体份 Volume Solids	72±2%(视颜色而定 depends on color)			
典型厚度 Typical Thickness	干膜厚 100-200 微米 dry film thickness of 100-200 microns.			
理论涂布率 Theoretical Coverage	在干膜 150 微米的情况下，4.8 平方米/公升 4.8 m ² /L at the dry film thickness of 150 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，滚涂 air spraying, airless spraying, brush coating, roller coating			
干燥时间	推荐面漆重涂间隔			
Drying time	Overcoating interval with finish			

温度	表干	硬干	最小	最大
Temperature	Touch Dry	Hard Dry	Minimum	Maximum
10°C	8 小时/ hours	24 小时/ hours	24 小时/ hours	6 个月/ months
15°C	6 小时/ hours	20 小时/ hours	20 小时/ hours	6 个月/ months
25°C	4 小时/ hours	16 小时/ hours	16 小时/ hours	6 个月/ months
40°C	2 小时/ hours	12 小时/ hours	12 小时/ hours	6 个月/ months

产品数据

Product Data

产品重量 Product Weight	理论值 Calculated : 1.61 kg/L				
包装规格 Pack Size	包装规格 Unit Size	A 组份 Part A		B 组 Part B	
	20 公升 litre	体积 Vol	包装 Pack	体积 Vol	包装 Pack
		16.5 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.			

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.

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 H53-81 的间隔内发

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本产品说明书取代以前的版本，产品技术说明书应与安全技术说明书及施工指导一起阅读。也可查询我们的网站:www.dongfangcoating.com 或电话联系+234 8142485508,+234 9030009201

This product manual replaces the previous version. The product technical manual should be read together with the safety technical manual and construction instruction. Also check out our website:www.dongfangcoating.com Or call +234 8142485508,+234 9030009201



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生了氧化，表面应再行喷砂清理至规定的目视标准。

The surface is sand-blasted with abrasive to Sa2.5 (ISO 8501-1:2007) or SSPC-SP6. If oxidation occurs between sand blasting and H53-81 application, the surface shall be sand-blasted 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.

预涂有底漆的表面

Surface pre-coated with primer

底漆表面应干燥且无任何污染物和 H53-81 必须在指定的重涂时间间隔涂应用（查阅相关的产品数据手册）。

The primer surface shall be dry and free of any contaminants, and H53-81 shall be applied at specified intervals (refer to the relevant product data manual).

剥落和损伤等区域应加以处理，达到规定的标准（例如 Sa2.5 (ISO 8501-1:2007) 或 SSPC-SP6 喷射处理标准，或者 SSPC-SP11 人工/动力处理标准），在涂覆 H53-81 之前先对这些部位补涂底漆。

Spalling and damaged areas shall be treated to conform to the specified standards (e.g. Sa2.5 (ISO 8501-1:2007) or SSPC-SP6 blasting standards, or SSPC-SP11 manual/power treatment standards). Before applying H53-81, those parts shall be primed.

预涂有车间底漆的钢结构

Steel structure pre-coated with shop primer

焊缝和损坏区域应喷砂清理至 Sa2.5 (ISO 8501-1:2007) 或 SSPC-SP10 标准。

Welds and damaged areas shall be at least treated to conform to Sa2.5 (ISO 8501-1:2007) or SSPC-SP10 standard.

如果车间底漆出现大面积损坏或大范围的散射状损坏，可能需要进行全面刷净喷砂清理。

If the shop primer is damaged in a scattered manner in a large area or range, it may be cleaned down and sand-blasted.

预涂有锌粉底漆的底材

Substrate pre-coated with zinc dust primer

施工 H53-81 前，确保底漆表面清洁、干燥且无任何污染物和锌盐。复涂前，确保锌粉底漆已完全固化。

Before applying H53-81, ensure that the primer surface is clean, dry and free of contaminants and zinc salts. Before repainting, ensure that the zinc dust primer has been fully cured.

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.

混合比例 Mixing ratio

16.5 : 3.5 体积比 by volume

混合使用寿命 Mixing service life

10°C 15°C 25°C 40°C

8 小时/hours 6 小时/hours 2 小时/hours 1 小时/hours

推荐施工方法

无气喷涂 喷嘴直径 0.45-0.58 毫米喷嘴处的油漆总压力不低于 176 千克/平方厘米

Recommended construction method

Airless spraying: nozzle diameter: 0.45-0.58mm; the total paint pressure at the nozzle shall not be less than 176kg/cm².

稀释剂 thinner

环氧专用稀释剂

作业暂停

Epoxy thinner

Operation suspension

勿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

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。

Cleaning

