



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

C04-42 醇酸面漆 C04-42 Alkyd Finish

产品说明

Product Description

一种单组份醇酸树脂高光磁漆。
A single-component alkyd resin high gloss enamel.

设计用途

Intended Uses

可用于多种工业环境的维修，包括海上设施、石化工厂和化工厂。
It can be used for maintenance in a variety of industrial environments, including offshore facilities, petrochemical plants and chemical plants.
适用于需要经济性的单组份面漆、略受化学品腐蚀的部位。
It is suitable for parts requiring single-component finish and slightly corroded by chemicals.
作为其它醇酸树脂涂料配套的面漆使用，可用于室内或室外环境。
As a finish for other alkyd resin coatings, it can be used indoors or outdoors.

涂装数据

Coating Data

颜色 Color	多种颜色 multiple colors			
光泽 Gloss Level	高光 high gloss			
体积固体份 Volume Solids	48±2% (视颜色而定 Depends on color)			
典型厚度 Typical Thickness	干膜厚 40-50 微米 dry film thickness of 40-50 microns			
理论涂布率 Theoretical Coverage	在 40 微米干膜厚度情况下，12.0 平方米/公升 12.0 m ² /L at the dry film thickness of 40 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 Drying time	推荐面漆重涂间隔 Overcoating interval with finish			
温度 Temperature	表干 Touch Dry	硬干 Hard Dry	最小 Minimum	最大 Maximum
10°C	14 小时/hours	48 小时/hours	48 小时/hours	无限制/ Unlimited
15°C	10 小时/hours	36 小时/hours	36 小时/hours	无限制/ Unlimited
25°C	6 小时/hours	24 小时/hours	24 小时/hours	无限制/ Unlimited
40°C	4 小时/hours	8 小时/hours	14 小时/hours	无限制/ Unlimited

产品数据

Product Data

产品重量 Product Weight	理论值 Calculated : 1.25 kg/L		
包装规格 Pack Size	包装规格 Unit Size	单组份 Single Part	
	20 公升 litre	体积 Vol	包装 Pack
		20 公升 litre	20 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.	

发行日期 Date of issue: 01/01/2023

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



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

C04-42 醇酸面漆

C04-42 Alkyd Finish

表面处理

Surface treatment

所有待涂漆表面应清洁、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.

预涂有底漆的表面

Surface precoated with primer

C04-42 始终应施工在推荐的防锈底漆上。底漆表面应干燥且无任何污染物，C04-42 必须在规定的复涂间隔时间内施工（请查阅相关的产品数据手册）

C04-42 shall always be applied on the recommended antirust primer. The primer surface shall be dry and free from any contaminants. C04-42 shall be applied within the specified recoating interval time (please refer to the relevant product data manual).

破裂，损坏等区域应处理至标准规定的等级（例如：Sa2.5（ISO 8501-1:2007），SSPC SP6,或 SSPC SP11）并在施工 C04-42 前对底漆进行修补。

Ruptured or damaged areas shall be treated to the standard level (e.g., Sa2.5 (ISO 8501-1:2007), SSPC SP6 or SSPC SP11), and the primer shall be repaired prior to the application of C04-42.

施工说明

Construction description

混合 mixing

这种涂料是一种单组份涂料，施工前应采用动力搅拌器彻底搅拌

This paint is a single-component paint, which shall be completely stirred with a power stirrer before construction.

混合比例 Mixing ratio

不适用 Not applicable

推荐施工方法

无气喷涂 喷嘴直径 0.33-0.48 毫米喷嘴处的油漆总压力不低于 141 千克/平方厘米

Recommended construction method

Airless spraying: nozzle diameter: 0.33-0.48mm; the total paint pressure at the nozzle shall not be less than 141kg/cm².

稀释剂 Thinner

醇酸面漆专用稀释剂

Alkyd finish thinner

作业暂停

采用醇酸面漆专用稀释剂彻底冲洗所有设备。所有未曾用过的涂料应储存于盖紧的容器中。装有部分涂料的容器储存后会出现表面结皮和/或粘度上升的情况。使用前应将涂料进行过滤

Operation suspension

All equipment shall be thoroughly rinsed with alkyd finish thinner. All unused paints shall be stored in tightly sealed containers. Containers containing some of the paint will have the phenomena of skinning and/or increased viscosity after storage. The paint shall be filtered before use

清洗

所有设备在使用后，应立即采用醇酸面漆稀释剂进行清洗。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

All equipment shall be cleaned immediately with alkyd finish 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 delayed 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

C04-42 设计主要在现场施工使用。在车间使用无气喷涂施工，很容易造成涂覆过厚，干燥过程减缓并导致搬运困难。涂覆过厚还会老化后重涂时起皱。另一些醇酸树脂涂料更适合车间使用。

C04-42 is mainly designed for on-site construction. Airless spraying in the workshop is likely to result in excessive coating, slow drying process and difficult handling. In case of excessive coating, wrinkling will occur after aging. Other alkyd resin paints are more suitable for workshop use.

光泽及表面平整度取决于施工方法。应尽可能避免采用多种施工方法混用。

Gloss and surface roughness depend on the construction method. The mixed use of multiple construction methods shall be avoided as far as possible.

与所有醇酸树脂涂料一样，C04-42 对化学品和溶剂的抗性有限，不适用于水下设备，或长期接触冷凝水的地方。

Like all alkyd resin paints, C04-42 has limited resistance to chemicals and solvents and is not suitable for underwater equipment or areas with prolonged contact with condensed water.

发行日期 Date of issue: 01/01/2023

2

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



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

C04-42 醇酸面漆

C04-42 Alkyd Finish

C04-42 不适合重涂于环氧或聚氨酯涂层之上，而且不可以重涂于含锌底漆上，因为这有可能造成醇酸树脂的皂化，从而丧失附着力。

C04-42 is not suitable for reapplication to epoxy or polyurethane coatings, and shall not be recoated on the zinc primer as it may cause alkyd resins to be saponified to lose adhesion.

采用刷涂和滚涂最佳外观施工时，对于某些颜色，可能需要二道 C04-42 涂层，才能达到均匀的遮盖。

For some colors, two coats of C04-42 may be required to achieve uniform coverage when applying by brush and roller coating for optimum appearance.

系统配套性

System compatibility

C04-42 只能重涂于醇酸树脂或油性树脂底漆上，如：C06-1 通用醇酸底漆。

C04-42 can only be reapplied to the alkyd resin primers or oleoresin primers, such as C06-1 general-purpose alkyd primers.

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。

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 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.

发行日期 Date of issue: 01/01/2023

3

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