



## FXNH100-04 内减阻环氧防腐涂料

### FXNH100-04 Internal Pressure Reducing Epoxy Anticorrosive Coatings

产品特性 Characteristics	涂层表面平整光滑，具有明显的减阻效果； Smooth film with obvious pressure reducing effect; 涂层具有优良的耐磨性、硬度、附着力、耐压性； Excellent abrasion and pressure resistance as well as high hardness good adhesion; 优异的防腐性能，抗渗透性，耐水耐溶剂性能突出，良好的施工性。 Excellent resistance to corrosion and permeation as well as extraordinary resistance to water and solvents, and good work-ability.			
产品用途 Uses	适用于天然气输送管线的内壁和原油输送管线内壁防腐，可以大幅度降低管线输送压力，提高输送能力，可提高输气量在 5~15% 之间，具有较好的经济效益。 An anti-corrosive lining of transporting natural gas to greatly reduce the delivery pressure of pipelines and increase delivery capacity by 5~15% to get a big economic benefit.			
颜色 Color	灰色 Brownish red			
施工条件 Application method	无气喷涂 Airless spray	推荐 recommended		
	喷嘴尺寸 Nozzle size	0.4~0.5mm		
	压力 Nozzle pressure	100~150kg/cm <sup>2</sup>		
	稀释比率 Thinning ratio	0~5% (重量比) by weight		
	适用于无气喷涂、空气喷涂、刷涂及辊涂。 May be applied by airless spray, air spray, brush, or roller.			
稀释剂 Thinner	FXNH100-04 环氧稀释剂 FXNH100-04 Epoxy Thinner			
混合比率 Mixing ratio	主剂/固化剂=5/1 (重量比) base/curing agent=5/1 by weight			
混合使用期 Pot life	温度 (°C): Temperature	10°C	20°C	30°C
	混合使用期 (hrs): Pot life (hrs)	10	8	6



涂装膜厚 Film thickness	干膜: 85 $\mu$ m/道      湿膜: 150 $\mu$ m/道 Dry film thickness :85 $\mu$ m/coat    Wet: film thickness :150 $\mu$ m/coat
固体含量 Solid content	65%
比重 Specific gravity	1.2
涂覆率 Spreading rate	理论值 : 0.22kg/m <sup>2</sup> /85 $\mu$ m      0.21L/m <sup>2</sup> /85 $\mu$ m Theoretical: 0.22kg/m <sup>2</sup> /85 $\mu$ m      0.21L/m <sup>2</sup> /85 $\mu$ m 实际值 : 与表面处理, 外界环境, 施工方法等多种因素有关。 Practical: varies depending on the surface treatment, environment and application methods.
干燥时间 Drying time	温度 (°C)      10      20      30 Temperature 指触干燥 (hrs)      7      5      3 Touch dry 半硬干燥 (hrs)      30      24      20 Hard dry
涂装间隔 Coating intervals	Min. 最小 (hrs)      30      24      20 Min (hrs) Max. 最大 (days) Max (hrs)
储存期限 Shelf life	一年 12 months
包装规格 Package	24kg/组      组份一为 20kg, 组份二为 4kg。 A kit 24kg contains Part A 20 kg and Part B 4kg.
表面处理 Surface treatment	依据《涂装前钢材表面预处理规范》SY/T0407 进行表面处理; In accordance with " Specification of Steel Surface Preparation before Paint Application "SY/T0407; 除锈等级达到 GB 8923 《涂装前钢材表面锈蚀等级和除锈等级》规定的达到 Sa2.5 级, De-rusting grade up to Sa2.5 according to GB8923 "Rust Grades and Preparation Grades of Steel Surfaces before Paint Application" 锚纹深度小于 50 $\mu$ m, 采用压缩空气对钢管内进行吹扫, 以保证管内无砂粒及灰尘。 If the depth of the anchor pattern on the surface is less than 50 $\mu$ m, use compressed air to purge the steel tube to ensure the inside of the tube free of sand and dust.
适用底材 Suitable substrate	钢管 steel tube



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适用上涂 Top coat	参考我公司的配套。 Refer to our company
安全注意事项 Safety Precautions	任何油漆施工中均应保证提供以下措施: The following shall be guaranteed during any paint applications: 避免接触皮肤和眼睛。 Avoid skin and eye contact. 如果油漆接触到皮肤或眼睛, 应用大量水冲洗并立即就医。 In case of skin or eye contact, flush with large amount of water and immediately get medical attention. 保证良好的通风。 Assure well-ventilated working place. 小心火灾或爆炸。 Take precautions of the risks of fire or explosion. 现场遵守一切健康安全规定。 Observe all health and safety regulations on site.
提醒注意 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。 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.

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