



COEPOX 228 ESD (1.5~3mm)

高防腐环氧防静电自流平系统

HIGHLY CHEMICAL-RESISTANT ELECTROSTATIC DISSIPATIVE EPOXY SELF-LEVELLING SYSTEM

COEPOX 228 ESD (1.5~3mm) 是双组份高度耐腐蚀防静电环氧自流平系统, 具有超强的耐化学腐蚀性能和抗机械磨损性能, 容易清理, 完全防水。

COEPOX 228 ESD (1.5~3mm) is a two-component solvent-free self-levelling epoxy system that is formulated to prevent electro-static discharge issues. This system also ensures high chemical and mechanical resistance, easy cleaning and total waterproofness.

适用场所 Applications

- > 医院, 电影院 Hospitals and theatres
- > 电子及电类工业 Electronic and electro-technical industry
- > 核电站 Nuclear power plants
- > 溶剂及燃料储存库 Solvents and fuel storage facilities
- > 易燃易爆的厂房及仓库
Explosives manufacturing and storage facilities
- > 使用电子及机器人操作的工厂
Facilities using electronic and robotic handling systems
- > 电子数据处理中心 Electronic data processing centres
- > 易燃材料储存库 Flammable materials storage facilities
- > 制药公司生产车间地面
Production floors in pharmaceutical companies
- > 使用电子、雷达及卫星监视设备的军工厂
Military plants using electronic, radar and satellite observation equipment

超强的耐化学腐蚀性能
Excellent chemical resistance

防静电
Electrostatic dissipative

高洁净度
High cleanliness

良好的耐化学品性能和机械性能
Good chemical resistance
& Good mechanical properties

技术标准 Technical standard		
体积电阻 Volume resistance		3.60 x 10 ⁵ Ω
表面电阻 Surface resistance		6.22 x 10 ⁵ Ω
耐碱性 (20%NaOH, 72h) Alkali resistance		合格 Passed
耐酸性 (10%H ₂ SO ₄ , 48h) Acid resistance		合格 Passed
耐油性 (120#溶剂汽油, 72h) Oil resistance (120 # solvent gasoline)		合格 Passed
不发火性 Non ignitability		合格 Passed
拉伸粘结强度 Tensile bond strength		4.9MPa (标准 Standard) 3.8MPa (浸水 After soaking)
抗压强度 Compressive strength		69MPa
耐磨性 (750g / 500r) Wear resistance		0.021g
耐冲击 II 级 Impact resistance Class II		合格 Passed
耐水性 (168h) Water resistance		合格 Passed
邵氏硬度 (D型) Shore hardness (Type D)		68.1
防滑性 (干摩擦系数) Slip resistance (Dry friction coefficient)		0.60
VOC		31.7g/L

步骤 Step	产品 Product	说明 Information	理论用量 Consumption	施工方法 Application method	覆涂间隔时间 Overcoating
基面 Substrate	处理 Preparation	机械处理, 清洁 Mechanical treatment and cleaning of substrate	—	—	—
底涂 Primer	COEPOX 111 石英砂 QUARTZ 0.25	环氧底涂 Epoxy resin primer	0.3~0.5kg/m ²	滚涂 Roller	16小时后 Allow 16 hours
导电地网 Conductive grid	导电铜箔 COPPER TAPES	铺设自粘型导电铜箔, 与接地端子连接 Laying of self-adhesive copper tape grid connected to an earthing point	—	—	—
导电底涂 Conductive primer	COEPOX W130	水性环氧导电底涂 Water-based epoxy conductive primer	0.1kg/m ²	滚涂 Roller	16小时后 Allow 16 hours
自流平 Self-levelling finish	COEPOX 228 ESD	高防腐防静电环氧自流平涂料 Highly chemical-resistant electrostatic dissipative epoxy self-levelling coating	1.2~1.8kg/m ²	镬涂 Trowel	—

