



COECRETE 610 ESD (4~6mm)

防静电聚氨酯砂浆自流平系统 ELECTROSTATIC DISSIPATIVE SELF-LEVELLING POLYURETHANE SCREED SYSTEM

COECRETE 610 ESD (4~6mm) 是双组份无溶剂自流平聚氨酯系统，是专为防静电而特殊研发的产品。COECRETE 610 ESD 系统同时具备优异的耐化学品和机械性能，容易清理，涂膜薄且完全防水。
COECRETE 610 ESD (4~6mm) is a two-component self-levelling solvent-free polyurethane screed system that is specially formulated to prevent electro-static discharge issues. COECRETE 610 ESD system also ensures high chemical and mechanical resistance, easy cleaning, low thickness 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

具备“呼吸功能”
Breathable

使用温度广泛
Under the temperature range of
-20°C~+80°C

防静电
Electrostatic dissipative

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		
耐冲击性 (1000g钢球)	Impact resistance (1000g Steel ball)	合格 Passed
耐水性 (168h)	Water resistance (168h)	合格 Passed
耐碱性 (20%NaOH, 72h)	Alkali resistance (20%NaOH, 72h)	合格 Passed
耐酸性 (10%H ₂ SO ₄ , 48h)	Acid resistance (10%H ₂ SO ₄ , 48h)	合格 Passed
耐油性 (120#溶剂油, 72h)	Oil resistance (120 # solvent gasoline, 72h)	合格 Passed
耐盐水性 (3%NaCl, 168h)	Salt water resistance (3% NaCl, 168h)	合格 Passed
表面电阻	Surface resistance	5.15 x 10 ⁸ Ω
体积电阻	Volume resistance	8.87 x 10 ⁷ Ω
耐磨性 (500g / 100r)	Wear resistance	0.12g
抗折强度	Flexural strength	24h: 13.2MPa 7d: 20MPa
抗压强度	Compressive strength	24h: 27MPa 7d: 46MPa
拉伸粘结强度	Tensile bond strength	2.7MPa
防滑性 (干摩擦系数)	Slip resistance (Dry friction coefficient)	0.75
VOC		23.5g/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，切锚固槽 Mechanical treatment, saw cut anchor grooves	—	—	—
底涂 Primer	COECRETE 610	聚氨酯砂浆底涂 PU screed primer	2.0kg/m ²	镬涂 Trowel	24小时后 Allow 24 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	—	—	—
自流平 Self-levelling finish	COECRETE 610ESD	聚氨酯砂浆防静电自流平 Electrostatic dissipative self-levelling water-based polyurethane coating	5.0~5.5kg/m ²	镬涂 Trowel	—

