



COECRETE 610 Deko (3mm)

水性聚氨酯彩砂自流平系统

COLORED QUARTZ POLYURETHANE SELF-LEVELLING SCREED SYSTEM

COECRETE 610 Deko, 一种五组份水性聚氨酯彩砂自流平, 可施工成2.5-3.0mm厚度的涂层。固化后的涂层可提供一个需要承受较高强度负载和较高化学品腐蚀的地面, 具有优异的机械性能、抗冷热冲击性以及良好的耐候性和附着力。

COECRETE 610 Deko, a five-component water-based colored quartz self-levelling polyurethane screed. After curing, the coating film can form a floor surface withstanding high load and also has excellent chemical resistance, mechanical performance, cold/hot shock resistance and good adhesion.

适用场所 Applications

- > 化工、电子、机械制造、制药厂
Chemical plant, electronic plant, machine manufacturing, pharmaceutical plant
- > 食品、饮料、中央厨房
Food, beverage industry, central kitchen
- > 制糖工业及矿泉水生产厂
Sugar industry and mineral water production plant
- > 商场、展厅
Shopping center, show room
- > 需要耐受 -20°C~+70°C 温度范围的区域
Area withstanding a temperature range of -20°C ~ +70°C
- > 有重载、交通频繁的环境 (AGV)
Area withstanding heavy load and heavy traffic (AGV)
- > 适用于新地面的涂装和旧地面的改造
Used for both new floor construction and old floor renovation

水性环保, 低VOC
Environmentally-friendly, Low VOC

使用温度广泛
Under the temperature range of
-20°C ~ +70°C

良好的装饰性
Decorative

良好的耐候性
Good weather resistance

优异的耐化学品性能和机械性能
Excellent chemical resistance & mechanical properties

技术标准 Technical standard		
拉伸粘结强度 Tensile bond strength		4.0MPa
耐磨性 (750g / 500r) Wear resistance		39mg
耐冲击性 (1kg钢球) Impact resistance (1kg Steel ball)		合格 Passed
维卡软化点 Vicat softening point		≥ 140°C
抗压强度 Compressive strength		≥ 40MPa
抗折强度 Flexural strength		12.1MPa (24h) 14.9MPa (7d)
防滑性 (干摩擦系数) Slip resistance (Dry friction coefficient)		0.73
耐水性 (168h) Water resistance		合格 Passed
耐油性 (120#溶剂汽油, 72h) Oil resistance (120 # solvent gasoline, 72h)		合格 Passed
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
耐盐水性 (3%NaCL, 168h) Salt water resistance		合格 Passed
铅笔硬度 (擦伤) Pencil Hardness (Scratch)		5H

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	聚氨酯砂浆自流平 PU self-levelling screed	1.5~2.0kg/m ²	刮涂 Scraper	24小时后 Allow 24 hours
自流平面层 Self-levelling finish	COECRETE 610 Deko	聚氨酯彩砂自流平 Colored quartz PU self-levelling screed	4.0~4.5kg/m ²	镬涂+滚筒消泡 Trowel+spike roller	/

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 111/120	无溶剂环氧底涂 Solvent-free epoxy primer	0.3~0.6kg/m ²	Roller 滚涂	16小时后 Allow 16 hours
播撒 Broadcast	石英砂 Quartz 0.4-0.8	在刚施工好的底涂上播撒石英砂 Broadcast of quartz sand on freshly-applied primer	0.5kg/m ²	用手播撒 Scatter by hand	/

自流平面层 Self-levelling finish	COECRETE 610 Deko	聚氨酯彩砂自流平 Colored quartz PU self-levelling screed	4.0~4.5kg/m ²	镬涂+滚筒消泡 Trowel+spike roller	/
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