



COEPOX 400 (3~4mm)

环氧彩砂自流平系统 COLORED QUARTZ EPOXY SELF-LEVELLING SCREED SYSTEM

COEPOX 400 (3~4mm) 是一种无溶剂环氧彩砂自流平系统，是工业 / 商业项目地面（包括磨损地面）的理想选择，耐化学品性能好，物理性能佳，表面平整美观。可以创造出无接缝的，防水的，平整光洁或带止滑纹理的，彩色的，密实的，抗油污的，耐化学品的，耐磨损耐冲击的地面。

COEPOX 400 (3~4mm) is a solvent-free, colored quartz epoxy self-levelling screed system that is ideal to coat industrial / commercial floors (including worn floors) that require high chemical resistance, good physical properties, remarkable flatness and a pleasant appearance. Only a few days of work, this system allows to create a seamless, waterproof, smooth or textured, colored, compact, non-absorbent, anti-dust / anti-oil flooring that is resistant to chemical aggression, wear and compression.

适用场所 Applications

- > 酿酒工业 Wine industry
- > 食品及食品加工行业 Food and food processing industry
- > 超市 Supermarkets
- > 医院 Hospitals
- > 制药工业 Pharmaceutical industry
- > 屠宰业, 鱼肉加工业
Slaughtering industry and meat and fish processing industry
- > 化学工业 Chemical industry
- > 行车频繁区域如汽修厂及汽车库
Garages and vehicle depots subjected to medium-to-heavy traffic
- > 食堂 Canteens
- > 轻工业 Light engineering industry
- > 展会、交易会 Exhibition and trade fair halls
- > 贮藏库 Storage depots
- > 无菌区域 Aseptic area

无溶剂, 无毒无味
Solvent-free, non-toxic and odourless
美观
Aesthetic
超洁净度
Ultra 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

拉伸粘结强度 Tensile bond strength	4.3MPa (标准 Standard) 3.3MPa (浸水 After soaking)
抗压强度 Compressive strength	69MPa
耐磨性 (750g / 500r) Wear resistance	0.026g
耐冲击I型 Impact resistance type I	合格 Passed
耐水性 (168h) Water resistance	合格 Passed
耐油性 (120#溶剂汽油, 72h) Oil resistance (120 # solvent gasoline)	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
耐液体介质 Liquid medium resistance	合格 Passed
邵氏硬度 (D型) Shore hardness (Type D)	72.4
防滑性 (干摩擦系数) Slip resistance (Dry friction coefficient)	0.65
VOC	35.8g/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 base	/	/	/
底涂 Primer	COEPOX 120	无溶剂环氧底涂 Solvent-free epoxy resin primer	0.3kg/m ²	滚涂或刮涂 Roller / Scraper	16小时后 Allow 16 hours
中涂层 Intermediate layer	COEPOX 120+ 40-70目石英砂 40-70 mesh quartz sand	在已固化的底涂上施工 Apply on cured primer	COEPOX 120 @ 0.2~0.6kg/m ² Quartz sand @ 0.1~0.3kg/m ²	刮涂 Scraper	16小时后 Allow 16 hours
彩砂自流平层 Self-levelling	COEPOX 400	环氧彩砂自流平 Colored quartz epoxy self-levelling screed	3.0~3.5kg/m ²	镘涂 + 滚涂 Trowel + Roller	24小时后 Allow 24 hours
可选罩面 Optional topcoat	COEPUR S705	高耐磨聚氨酯罩面 Highly abrasion-resistant polyurethane topcoat	0.08~0.1kg/m ²	刮涂 + 滚涂 Scraper + Roller	/

