

# COEPOX 401 (4~6mm)

## 环氧彩砂系统 COLORED QUARTZ EPOXY SCREED SYSTEM

COEPOX 401 (4~6mm) 是环氧彩砂系统，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 401 (4~6mm) is a colored quartz epoxy 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. Just 4~6mm thick and requiring 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

重载  
Heavy load

美观  
Aesthetic

超洁净度  
Ultra cleanness

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	5.1MPa (标准 Standard) 4.4MPa (浸水 After soaking)
抗压强度 Compressive strength	83MPa
耐磨性 (750g / 500r) Wear resistance	0.013g
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 <sub>2</sub> SO <sub>4</sub> , 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)	82
VOC	56g/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 111 / 120	无溶剂环氧底涂 Solvent-free epoxy resin primer	0.4kg/m <sup>2</sup>	滚涂 Roller	16小时后 Allow 16 hours
砂浆 Mortar	COEPOX 401+ 级配彩砂 Colored QUARTZ	在刚施工好的底涂上施工 Apply on freshly-applied primer	8.0~12.0kg/m <sup>2</sup>	镘涂 Trowel	16小时后 Allow 16 hours
灌封 Pore sealer	COEPOX 401	无溶剂环氧树脂清漆 Solvent-free epoxy resin varnish	1.0~1.6kg/m <sup>2</sup>	镘涂 Trowel	16小时后 Allow 16 hours
罩面 Topcoat	COEPUR W700 / S705	聚氨酯罩面 Polyurethane topcoat	0.12kg/m <sup>2</sup>	滚涂 Roller	—

