



## COEPRO Steel Fiber 6080G / 5080G / 4065G / 3565G

### 钢纤维系列 COEPRO STEEL FIBER SERIES

COEPRO 成排钢纤维 6080G / 5080G / 4065G / 3565G 是一种优质冷拔成排钢纤维，专门研发用于当代混凝土整体地坪，在混凝土中呈现均匀的三维分布，可有效防止混凝土内部细小裂缝的扩展，减少地坪宏观裂缝的形成，显著提高混凝土的抗拉强度、抗弯强度及抗剪强度，提高混凝土地坪的耐久性和使用寿命。配合大型激光整平机的使用，不需绑扎钢筋，不需支护大量模板，简化施工工艺，施工效率高，能有效降低地坪综合造价。

COEPRO Steel Fiber 6080G / 5080G / 4065G / 3565G is a high-quality cold drawn steel fiber, which is specially developed for the concrete floor. It presents a uniform three-dimensional distribution in the concrete, which can effectively prevent the expansion of the small cracks in the concrete, reduce the formation of the micro cracks in the floor, enhance the tensile strength, bending strength and shear strength of the concrete, and improve the durability and life time of the concrete. It can be applied with the large laser levelling machine. No reinforcing bars are needed, no large number of reinforcing templates are needed. The application process is simplified so the construction efficiency is high, which will effectively reduce the comprehensive costs of the floor.

#### 适用场所 Applications

- > 需要限裂的各类混凝土地坪  
Concrete floor that preventing cracks
- > 防渗混凝土地坪  
Concrete floor that preventing penetration
- > 重负荷的混凝土地坪 Heavy load concrete floor
- > 超平地坪 Super flat floor
- > 地下停车库 Underground parking lot
- > 物流、汽车及汽车零部件制造、机加工等行业  
Logistics, automotive and automotive parts manufacturing, machining industry etc.

防止和减少混凝土早期收缩裂缝  
Prevention and reduction of early shrinkage cracks of concrete

提高混凝土抗拉强度、抗弯强度及抗剪强度  
Improving the tensile strength, bending strength and shear strength of the concrete

提高混凝土抗冲击强度、耐磨强度及抗振动能力  
Improving impact strength, abrasion and vibration resistance of the concrete

提高混凝土抗裂、抗收缩、抗高温及徐变能力  
Improving crack resistance, shrinkage resistance, high temperature resistance and creep ability of the concrete

产品 Product	直径 Diameter	长度 Length	长径比 L/D Ratio	抗拉强度 Tensile Strength
6080G	0.75mm	60mm	80	1100~1400MPa
5080G	0.62mm	50mm	80	1100~1400MPa
4065G	0.62mm	40mm	65	1100~1400MPa
3565G	0.55mm	35mm	65	1100~1400MPa

步骤 Step	产品 Product	说明 Information	理论用量 Consumption
钢纤维的添加及搅拌 Adding and stirring of steel fibers	科兰钢纤维 COEPRO Steel Fiber	在搅拌站或施工现场与其他骨料一起添加进混凝土，并进行搅拌 Add COEPRO steel fibers and other aggregates to the concrete at the mixing plant or construction site and mix them together	15~40kg/m <sup>3</sup>
浇筑 Pouring	钢纤维混凝土 Steel fiber reinforced concrete	采用直卸或泵送浇筑 Direct unloading or pumping pouring	—
振捣与整平 Vibrating and levelling	—	采用振动棒、激光整平机或振动梁 With vibrating rod, laser levelling machine or vibrating beam	—
收光 Polishing	—	采用单盘或双盘抹光机 With single-disk or double-disk polishing machine	—

