

Ceramic Filled Polymer Coating – Wear and Rust Resistant

Product Information

Cocon 101 Contain fine ceramic particle to abrasive resistant condition in board range of application. The polymer composite comprise grade sintered ceramic hardness and abrasion resistant. Cocon 101 designed for the particle abrasion and cavitation. It from a hard, smooth abrasion resistant layer.

PRODUCT FEATURE AND BENEFIT

1. Excellent resistant to sliding abrasion.
2. Protection from rust and corrosion.
3. Extra hard ceramic particle, provide abrasion resistant.
4. Resistant chemicals; acid and alkalize.
5. Suitable for use in portable water application.

USAGE

The surface for coating should be clean and free from loose particle. The method for substrate preparation include abrasion blasting, etching, grinding. of product using low speed mixer or spatulas and complete by adding “component A” and “component B” ensure the mixed is homogenous. The application can be carier out mixed product directly to desire area by brush, flat steel tower. The surface finish should be laid a minimum 0.5mm thick. It is acceptable to apply high builds in most situations since the thicker the application the longer the life.

TYPICAL PHYSICSL PROPERTIES

Colour	Dark Grey
Ratio by weight	1 “A” to 1 “B” by 1:1
Mixed consistency @ 20 ^o C	Thick Liquid
Compressive Strength (ASTM D695)	20,700 psi /149Nmm ²
Tensile Strength (ASTM D638)	5,000 psi /41Nmm ²
Curing Time	3 hrs. at 25 ^o C

