



THE SOLUTION

**FLEXCOAT**

**R-230**

**Epoxy Flooring System**



**Epoxy Based Coating**

## R-230

### Description

Romtech 230 Epoxy Flooring System is a modified epoxy based coating designed for commercial and industrial floors where abrasive, chemical and impact resistance properties of primary consideration. It is wet applied resulting to a seamless nonporous floor surfacing ideal for food processing, plants and health care establishment to prevent the development and surface irregularities of uncoated concrete. Romtech 230 Epoxy Flooring System is easy to clean and maintain, non skid, and can be applied on steel and mineral substrates. Installed with conductive strips, it is the ideal material for anti-static flooring in semiconductor and electronic assembly plants.

### Applications

1. SYSTEM 230A is a heavy duty floor topping recommended for factories requiring extremely durable floorings such as chemical plants, oil refineries, meat processing plants, and other industrial and commercial establishments using heavy material – handling equipment or where the product being manufactured easily degrade concrete or steel substances. Romtech 230 is mixed with oven dried silica quartz sand and laid out to an average thickness of 6mm by screed or trowel.
2. SYSTEM 23011 is for light industrial use. It is suitable for semiconductor and electronic plants, food factories, pharmaceutical companies, automotive assembly plants, etc. Mixed with grade silica sand, it is trowelled on at an average thickness of 3mm.
3. SYSTEM 230C is a self leveling coating system on concrete floors subject to light vehicle and pedestrian traffic as in garment factories, service stations, warehouses, parking buildings, restaurants, hospitals, and similar establishments. This component are usually thinned down with Epoxy Reducer for brush or roller application.

### Surface Preparation

All surfaces to be coated with Romtech 230 Epoxy Flooring System must be clean, dry, free of oil, grease and other contaminants, and structural sound. Repair cracked and spalled surfaces with R270 Structural Epoxy to achieve a solid base for the coating. Neutralize or acid – etch new concrete and grind off laitance and oiler loosely adhering aggregates from the surface. Apply a primer coat of R260 at a rate of 25 to 30 sq. meters per gallon. For highly irregular substrates, level off by applying a scratch coat of R240 mixed with line aggregates.

### Physical Properties

Components:	A – Liquid Epoxy Resin B – Modified Polyamide Hardener
Mix Ratio:	3 parts resin base (A) to 1 part hardener (B) by volume
Pot Life (Working Time):	50 – 70 minutes
Initial Cure Time:	4 hrs.
Full Cure Time:	3 – 5 days
Comprehensive Strength:	12,000 psi (with sand fillers)
Tensile Strength:	6,500 psi
Packing:	Part A – ¾ gallon Part B – ¼ gallon
Shelf Life:	Indefinite, as long as the components Are not contaminated with each other And the product is stored in cool dry places
Colors:	Available in standard colors or made to Order variants of the regular colors

### Caution

Avoid contact with eyes and skin. Wash off uncured materials using soap and water. Store in cool, dry places.