



### Benefits of Floor Coatings

- Easy to clean, provides pleasant work place for employees.
- Impermeable to water, oils & chemicals.
- High resistance to wear and abrasion.
- Environment friendly. Controls dust and dirt.
- Excellent mechanical properties.
- Reduces the maintenance and cleaning cost.
- Joint less.
- Uplifts in aesthetics.
- Easy and quick to repair.

### Properties

	UNIT	FLOOR MR	FLOOR TECH SL
Compressive Strength	Kg / Cm <sup>2</sup>	900	650
Flexural Strength	Kg / Cm <sup>2</sup>	350	260
Density	Kg / M <sup>2</sup>	2100	1800
Abrasion Resistance	mg/cycle	Upto 0.3	Upto 0.5
Pot life at 30°C	min	45	30
Mixing Ratio	Binder : Filer	2 : 1 : 8	2 : 1 : 2
Packing Size	Kg.	25 Kg.	17.5 Kg.

### User's Guide

Floor Coating System	300-500 Micron	Primer + Floortech SL
Light Density Floor	800-1000 Micron	Primer + Sprinkle Quartz + Floortech SL
Intermediate Density Floor	1500-2000 Micron	Primer + Sprinkle Quartz + Floortech SL
Medium Density Floor	2500 - 3000 Micron	Primer + Floortech MR + Floortech SL
High Density Floor	4000 - 5000 Micron	Primer + Floortech MR + seal coat + Floortech SL
Clean Room System	1500 - 3000 Micron	Primer + Sprinkle + Floortech SL or Flexitech FC

### Application Guide

**Surface Preparation :** It is important to understand that quality of sub-floor is a decisive influence on the durability of floor coatings. The condition of sub-floor must be thoroughly examined for oiliness, moisture, strength and creates. Following Procedure should be followed for sub-floor treatment before any floor coating.

**A. Concrete Floor Treatment :** Depending on the condition and nature of sub-floor, necessary methods of surface preparation should be carried out.

- Sand / Grit Blasting :** Steel Grits are used for scouring of metals.
- Flame Spraying :** Flame spraying for removal of contaminated oil, fats, organics, etc.
- Chemical Cleaning :** Acid cleaning of surface followed by water wash.

**B Metal Floor Treatment :** The best method for metal treatment is sand / Grit Blasting only. If that is not possible, the steel must be thoroughly degreased, cleaned roughened with steel brushes.

- After surface preparation, the substrate should be cleaned from dust & loose particles with the help of broom or duster.
- Apply primer coat on treated surface.
- Apply the requisite system (ref. user's grid) to achieve required flooring.
- Allow lining / coating to cure for 48 hours prior to put it in application.