

FloorFORT.HG

Medical & Health Care Epoxy Flooring System

FloorFort.HG is a super homogeneous, anti bacterial and antifungal self levelling medical & health grade epoxy flooring system. Floorfort HG flooring system with outstanding chemical resistance, durable and scratch resistant and high foot traffic and wheeled carts is specifically designed for health care industry. In addition to cleanliness and durability, the FloorFort HG flooring system creates a warm, comforting environment for your patients with the flooring features and properties. By using a special anti-microbial additive ensures a long life with high hygienic protection. The solvent free technology self smoothing system will produce an easily cleaned, non toxic, chemically spill resistant floor with good colour and colour retention. This fluid applied resinous flooring system are optimal for medical and health care environments.

Features

- Excellent resistance to the affect of wide range of chemicals
- Comply with health care authority out lines and performance
- High strength and durability, Superior resistance to abrasion
- Solvent free and non toxic
- Impact-resistant surface against equipment, trolleys and dropped objects
- Provide outstanding ergonomics to support health care team
- Safe & Slip resistant
- Water resistant, Seamless and easy to clean
- Chemical resistant
- long life with high hygienic protection
- VOC less than 50 g/L

Application Field

Recommended for the medical and health care facilities ,pharmaceutical , laboratories, hospitals, to produce a decorative seamless performance self leveling floor system. It is an extremely high strength floor topping designed for use wherever food and safety standards must be met. It can be applied on most sound substrates including concrete, quarry tile, brick pavers, wood and metal floors. It will restore deteriorated concrete in to a better than new condition.

LEED Requirements

FLOORFORT HG flooring system meet the required VOC and emissions requirements and therefore contribute to LEED EQ Credit 4.2 &4.3 : Low-Emitting Materials

HACCP Requirements

FLOORFORT HG health safe flooring system meet the requirements of HACCP to service environments of highest health safety standards and meet the requirements of health authority guide lines and specifications .



engineered to perform

Typical Properties (Multi Component Resin Mixture)

Pot life	45 minutes
Application Temperature	5 °C to 50 °C
Over Coat time	88 to 12 hours
Dry Time To Walk	12 hrs @ 25 °C
Full Cure	5 days @25° C
Coverage	3-5 kg / m ² @2500 micron

Technical Specification

Properties	Typical Values	Standard
Compressive strength	74N/mm ²	BS 6319-2
Flexural Strength	22N/ mm ²	ASTM D 790
Tensile strength	17N/ mm ²	ASTM D 412
Bond Strength	2.5N/mm ²	ASTM 4551
Water Absorption	NIL	ASTM D 471
CHEMICAL RESISTANCE	ASTM D543	Excellent Resistance to various chemicals like acids, alkalis, fuels, grease, petrol
VOC	MPI 147	≤ 50 g/L

Application

Surface Preparation

The substrate (concrete) should be one month old and fully dry, clean and sound. The surface must be free from dust, oil, curing compound and any foreign material. The substrate should be moisture free.

Priming

Prime the fully prepared surface (Consult OBS-Support for proper selection of primer)

Mixing

Mix part A (resin) and part B (hardener) separately for 3 minutes using a speed drill fitted with a paddle. Then slowly add Part C (filler) and mix it well for 3-5 minutes to get even consistency. Apply the ready mix soon after the mixing. Prefer 2.5 mm thickness for general conditions.

Application

The well mixed Floor Fort Screed should be spread to uniform thickness on the primed surface using trowel and smoothen it. Apply at desired thickness(1.5mm to 9 mm possible)depending on requirements.

Cleaning of Tools

Clean all the tools and equipment with Organix Solvent immediately after the use.

Packing

Three pack system consisting of "A" "B" and "C" . It can be supplied in 22 Kg Multiple Pack set

Storage

Store under ware house conditions, in the original unopened packs. Shelf life: 12 months under conditions below 45°C.

Health & Safety

Flash point 52°C, may irritate to eyes and skin. Avoid breathing fumes, Wear suitable gloves and eye/face protection. Wash hands with water after use.

