

MC-Easyplan Plus (Formerly known as TekniFloor Plus)

Abrasion Resistant Mineral Based Dry Shake Floor Hardener

Description

MC-Easyplan Plus is a non-metallic floor hardener used to form monolithic, hardened concrete floors. It provides a hardened abrasion resistant surface and can also be used to inhibit dust formation.

Advantages

- High abrasion resistance
- High impact resistance
- Increases the strength of concrete surface
- Creates dense, easy to clean, dust free surfaces
- Non-rusting
- Suitable for wet areas

Application

Areas of application

Used to provide a heavy duty concrete floor subject to heavy loads and traffic such as workshops, warehouses, carparks, garages, production areas, hospitals, schools, commercial floors, shopping centers, loading bays, industrial complexes, etc.

Application

Once the freshly poured and levelled concrete has reached its plastic state, the surface should be smoothed using a mechanical trowel. After bleed water has evaporated and concrete has a wet shine, sprinkle uniformly, two third of the recommended quantity of **MC-Easyplan Plus** over the concrete. Allow applied material to absorb moisture from the concrete surface. Using a wooden float, work the material into the concrete ensuring that the material becomes an integral part of the surface. Broadcast the balance material, allow the material to absorb moisture and then float with a wooden float. When the surface is sufficiently firm enough to take the weight of power float, finish off by means of a power trowel. Extra care should be taken while applying the floor hardener at bay edges and joints.

Curing

MC-Easyplan Plus treated concrete must be protected to prevent premature moisture loss and crazing immediately after final finishing. Water cure by mist spray or by spreading wet burlap/moist hessian over the surface. Alternatively suitable curing compound from JetCure range maybe used.

Coverage

2-3 kg/m² for Light traffic
3-4 kg/m² for Medium traffic.
4-5 kg/m² for Heavy traffic

Typical Properties at 25°C

Property	Test Method	Value
Component	-	Single
Form	-	Powder
Colour	-	Grey and select Colours
Hardness (Aggregate)	-	7-8 (Mohs scale of hardness)
Abrasion Resistance	-	at least 225% improvement over plain concrete
Adhesion to Concrete	-	Monolithic Bond
Indentation Resistance	BS 8204	< 2 mm

General Information

Package Size	25 kg bag
Shelf Life	12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.
Cleaning	Clean all equipments and tools with water immediately after use

Health and Safety

PPE's	Gloves, goggles and suitable mask must be worn.
Precaution	Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately.
Hazard	Regarded as non-hazardous for transportation.
Disposal	Do not reuse containers. To be disposed off as per local rules and regulations.
Additional Information	Refer MSDS. (Available on request.)

Technical Support

MC Technical Services are available on request for on site support to assist in the correct use of its products.

NOTE:

It is the customer's responsibility to satisfy themselves by checking with the company whether information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current data sheets. However, MC-Bauchemie does not warrant or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendations relating to application and end use are given in good faith. The products are guaranteed against any manufacturing defects and are sold subject to MC- Bauchemie's standard terms and conditions of sale.