



TekniFloor Plus

Abrasion Resistant Mineral Based Dry Shake Floor Hardener

DESCRIPTION **TekniFloor 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.

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

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

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

APPLICATION Once the freshly poured and leveled concrete has reached its plastic state, the surface should be smoothen using a mechanical trowel. After bleed water has evaporated and concrete has a wet shine, sprinkle uniformly, two third of the recommended quantity of **TekniFloor 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 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 **TekniFloor 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 may be used.



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PACK SIZE	25 kg bag	
COVERAGE	2-3 kg/m ² for Light traffic 3-4 kg/m ² for Medium traffic 4-5 kg/m ² for Heavy traffic	
GENERAL INFORMATION	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.
	Precautions	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 SERVICE	CONMIX Technical Services are available on request for onsite support to assist in the correct use of its products.	

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