



Hydrafloor MT

Metallic Floor Hardener

Description

Hydrafloor MT is a pre-mixed, ready to use, dry shake formulation for hardening and coloring freshly placed horizontal concrete slabs and toppings.

Hydrafloor MT containing metallic aggregate, cement and cement dispersing and plasticizing agents. The metallic particles are clean and free of oil, grease and other substances which repel water. Consequently, they are easily wetted and readily worked into plastic concrete, obtaining a perfect bond.

Hydrafloor MT produces a hard, dense, wear resistant surface which resists corrosion and absorption of grease, oils, alkalis and most chemicals. Typical areas of use include concrete floors in garages, steel mills, generating plants, loading platforms and wherever a heavy duty wear resistant floor finish is required.

Object

- Manufacturing and assembly plants, warehouses, loading docks, airplane hangars, etc.
- Industrial and commercial floors and drives.
- Traffic areas subject to wear.
- For floor surfaces which are to subjected to

Advantage

- Increases resistance to chemicals, oils, solvents and greases.
- Minimizes maintenance and repair expenses for maximum concrete life.

- Minimizes spalling and fractures by spreading high
- Provides 8 times the abrasion resistance than normal concrete normal

Instruction for Use

- Hydrafloor MT is applied on wet concrete during main concrete installation or in toppings of concrete or mortar screeds. Mortar screeds should generally have a minimum thickness of 40-50 mm for good results.
- For application of 4 kg mixed quantity or less, apply full quantity by spreading out the material by hand or by mechanical spreader over the concrete or mortar surface. This should be done when water sheen on surface has dispersed.
- Leave the mix on the floor and allow it to soak up moisture from concrete until surface can withstand light foot-traffic. Then power-trowel the surface with disc attached and using low speeds. Trowel by hand around edges and columns.
- The purpose of the power-floating is to mix in the particles of the hardener with the material of the main concrete or mortar screed so as to ensure a good bond between the two materials. Also to ensure the overall homogeneity of the floor-hardener material.

- Once the cement in the hardener begins to get more stiff, use a power-troweller with blades attached. Begin by trowelling with blades fixed at low angles and gradually tilt up the angles as the cement sets. At final overpass with blades, surface will assume a highly shiny appearance.
- If there are colors in the Hydrafloor MT, it is to be noted that colors react with the water in the cements. The final result with regard to color will to a large extent depend on the workmanship and skills of applicator crew.
- Other factors that affect the quality of the installation is winds and draught around door-openings; if application is done outdoor or under roof, etc. Strong sunshine leads to a premature dehydration of the surface and it may be difficult to finish the surface on time without adding water. which affects the quality of the color.
- Curing should be done using Hydracure available from ACT.

Coverage

Light Traffic	: 3 kg./sqm.
Medium Traffic	: 4 kg./sqm.
Heavy Traffic	: 5 kg./sqm.

Commissioning of Floor

A floor which has received an application of Hydrafloor MT may be commissioned in accordance with requirements and generally depends on the curing of the concrete. Light foot-traffic may be allowed within 48-72 hours after application and heavier traffic depending on the compressive.

Maintenance and Repair

Waxing of surface of Hydrafloor MT is recommended where a highly shiny polish is required or where spills of liquid agents (foods, etc) may be expected. If Hydrafloor MT is damaged due to very heavy point-loads or droppings of sharp and pointed objects or through other reasons, surface may be repaired using Hydratop available from ACT.

Packing

25, 40 kgs. / Bag.

Storage

Under roof and dry conditions.

Shelf-Life

24 months in unopened containers

Precaution

Eye-protection and gloves recommended. If material comes in contact with eye, rinse immediately with plenty of clean water without rubbing. If continued irritation, contact medical doctor.

<p>Act (Thailand) Co., Ltd. Address : 19 Moo 1 Kubangluang Lardlumkaew Pathumthai 12140 Tel. : (66)-0-2979-4446-9 , (66)-0-29794936-9 Fax. : (66)-0-2979-4445 Email : info@actthai.com Web Site : http://www.actthai.com</p>	<p>Non-warranty. The information contained herein is believed to be reliable to the best of our knowledge. However, all recommendations are made without guarantee of performance and with warranty of freedom from legal responsibility including patent liability on the part of Act (Thailand) Co., Ltd</p>
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