

Cement Based, Iron Aggregate Metallic, Ultra High Heavy-Duty Floor Hardener for Industrial & Warehouse Flooring

Metal [Iron Aggregate Type] System

Description **Cem Floor M75**, is a partially premixed ready to use, cast at 12mm until 40mm thick and a freshly floated on concrete floor, iron metal aggregate concrete floor hardener with excellent properties of impart, adhesion and high abrasion resistance.

Due to its special formulation, **Cem Floor M75** product is based on selected high grade of Aggregate Iron Carbon Course Mineral, Original Portland Cement Type II & Rheological Additives. For better workability of machinery floating on all types of flooring.

Use **Cem Floor M75** is recommended for superficial of floor slabs and screeds where smoothing surface, oils, greases, reduces dusting is required.

- Warehouses,
- Workshops,
- Car Parking,
- Complex Commercials
- Factories
- Port Pier

Colors Available Natural

Preparation The surface of the sub-floor must be clean, sound and free from dust,

Application The mixed material is poured onto the prepared floor surface and spread

Technical Data		Cem Floor M75	
Density Fresh Mortar		approximately 3550kg/m3	
Mohs Hardness	DIN 52450	7 to 9 [steel score]	
Final Set (Vicat)	DIN 52450	approximately >3 hours	
Compressive Strength	DIN 52450	28 days: 75N/mm2	
Tensile Strength	DIN 52450	28 days: <1.1N/mm2	
Flexural Strength	DIN 52450	28 days: 11N/mm2	
Ball pressure hardness		after 1 days:	25N/mm²
		after 3 days	48N/mm²
		after 7 days	72N/mm²

Mixing with Water: Ratio # 25kg bag **Cem Floor M75** with 4.0-6.0 kg **Water** with mixing container.

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5 to 35°C. **Cem Floor M75** is partially semi self-smoothing, but should any trowel marks persist, the surface may be easily semi self-smoothed with a wet trowel once the material is "finger-tight", i.e. not fully hardened. This can usually be done after approximately 40 minutes at normal temperatures. Alternatively the trowel marks may be "stoned" down with a carborundum block once the material has hardened.

Cleaning of Equipment All tools and mixing containers should be washed and cleaned in water immediately after use before the material sets.

Coverage	Heavy Duty Floor	Approximately 12mm thick
	Medium Heavy Duty Floor	Approximately >20mm thick
	Ultra High Heavy Duty Floor	Approximately >30mm – 40mm thick

Packaging Net weight 25 kg set

Storage Shelf Life **Cem Floor M75**, 6 months if stored in dry conditions.

Handling Precautions

Wash off any mortar or latex on the skin before it dries. During mixing and application ensure adequate ventilation since the latex component contains ammonia which is volatile and may cause eye watering in confined spaces. Avoid generation of airborne dust during mixing. Cem Floor N88 powder contains more than 20% Portland cement and, therefore, in line with current legislation, is classified as irritating to eyes and skin. For this reason the following precautions should be observed:-
Avoid contact with the skin and eyes; in case of contact with the eyes, rinse immediately with plenty of water and seek medical advice; wear suitable gloves and keep the product out of the reach of children.

The General Term & Conditions

All recommendations for use of our product, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for this intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

The above mentioned details Specified key data are individually checked throughout, guarantee, and included in the certificates of Analysis (CoAs). & Typical key data are spot checked, the value are typical for the product and are indicated for information only. The values are not guaranteed or included in the CoAs.



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