

Cement Based, Non Metallic Floor Hardener for Industrial Flooring**Natural System****Description**

Cem Floor N88, is a partially premixed ready to use, dry shake over a freshly floated on concrete floor, natural aggregate concrete floor hardener with excellent properties of impart, adhesion and high abrasion resistance.

Due to its special formulation, **Cem Floor N88** product is based on selected high grade of Silica Wearing Course Mineral, Original Portland Cement Type II & Rheological Additives. For better workability of machinery floating on all types of flooring.

Use

Cem Floor N88 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**

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

Density Fresh Mortar			approximately 1.90-2.10 kg/litre
Mohs Hardness	DIN 52450	at 25°C	7 to 9 (steel Score)
Final Set (Vicat)	DIN 52450	at 25°C	approximately >3 hour
Compressive Strength	DIN 52450	at 25°C	after 28 days: 75-80 N/mm²
Tensile Strength	DIN 52450	at 25°C	after 28 days: 0.8-1.1 N/mm²
Flexural Strength	DIN 52450	at 25°C	after 28 days: 11 N/mm²
Ball pressure hardness (Brinell)		at 25°C	after 1 days: 28 N/mm² after 3 days 45 N/mm² after 7 days 62 N/mm²

Cleaning of Equipment

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

Coverage

Medium Duty Floor Approximately 4.00-5.00 kg/m²
Heavy Duty Floor Approximately 6.00-7.00 kg/m²

Packaging

Net weight 25 kg set

Storage Shelf Life

Cem Floor N88, 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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