

## 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			<b>approximately 1.90-2.10 kg/litre</b>
Mohs Hardness	DIN 52450	at 25°C	<b>7 to 9 (steel Score)</b>
Final Set (Vicat)	DIN 52450	at 25°C	<b>approximately &gt;3 hour</b>
Compressive Strength	DIN 52450	at 25°C	<b>after 28 days: 75-80 N/mm<sup>2</sup></b>
Tensile Strength	DIN 52450	at 25°C	<b>after 28 days: 0.8-1.1 N/mm<sup>2</sup></b>
Flexural Strength	DIN 52450	at 25°C	<b>after 28 days: 11 N/mm<sup>2</sup></b>
Ball pressure hardness (Brinell)		at 25°C	<b>after 1 days: 28 N/mm<sup>2</sup></b> <b>after 3 days 45 N/mm<sup>2</sup></b> <b>after 7 days 62 N/mm<sup>2</sup></b>

**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/m<sup>2</sup>  
**Heavy Duty Floor** Approximately 6.00-7.00 kg/m<sup>2</sup>

**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.

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**Health & Safety** Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheets, available from **LAMACO Malaysia** on request and sent with each delivery.



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