

High performance surface hardener in powder form

PRODUCT

weberfloor 420 HP is a ready to use surface hardener for concrete made with selected aggregates (Silica, Basalt & Emery), special cement and additives. It is an economical floor hardener recommended for internal and external use. With its high abrasion resistance and strength, **weberfloor 420 HP** is a heavy duty concrete surface hardener particularly recommended for heavy traffic floors.

weberfloor 420 HP improves by 43% abrasion of a high performances concrete slab having 60 MPa compressive strength.

SCOPE OF USE

- Parking areas
- Auto show rooms
- Warehouse
- Industrial floors
- Corridors
- Lobbies & Waiting rooms

CHARACTERISTICS

Color	Grey
Grain size	< 4 mm
Powder density	1.40
Aggregate hardness	> 8.5 MOHS
Aggregate abrasion value	1.9 (BS 812)
Aggregate impact value	8.0 (BS 812)
Abrasion resistance	0.69 mm/1000rev/Tinius Olsen wearometer C.D.R

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

For a good aspect, the fresh concrete must not contain too much air or water. As per technical recommendations and state of art, joints should be created regularly to prevent cracks: usually each 25m². Before applying **weberfloor 420 HP**, the concrete should be leveled and the excess water removed.

PRODUCT APPLICATION

When the concrete is prepared, spread **weberfloor 420 HP** regularly on the surface. For obtaining a constant quality, the quantity of dry shake hardener per m² must be the same all over the surface. Sprinkle two-third of the **weberfloor 420 HP** needed. Wait until the product gets wet in contact with the concrete.

Then spread the remaining one-third of **weberfloor 420 HP**. Immediately, use a power float or a trowel to obtain the requested smooth finish.

During the following days after application, protect the



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg

surface from sunshine and wind.

A proper curing improves the performances of **weberfloor 420 HP**.

CONSUMPTION

Moderate traffic: 4 to 5 kg/m²

Heavy traffic: 5 to 7 kg/m²

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS

The product contains very fine powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable to do the application in a well ventilated area, to wear protective gear for hands, eyes and respiratory system and to avoid dust inhaling. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In both cases seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective

materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

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