

PRODUCT INFORMATION

SPECIFICATIONS

VYFLOOR HARD complies with ASTM D 4060, ASTM C267, ASTM C109.

PACKAGING

VYFLOOR HARD is packaged 25 kg

COVERAGE

3 - 9 kg/m²

SHELF LIFE

12 months if stored in original unopened packs.

STORAGE

VYFLOOR HARD should be stored in clean ground over plastic or wooden pallets out from direct sun at temperature between +5 °C to +35 °C

DESCRIPTION

VYFLOOR HARD is a non metallic, monolithic dry shake for fresh concrete as a floor surface hardener. **VYFLOOR HARD** is ready use mixtures of cement, pigments, additives and aggregates which improves mechanical and abrasion performance.

TYPICAL APPLICATIONS

VYFLOOR HARD is used as a floor surface hardener for fresh concrete floors such :

- Gas and fuel stations
- Industrial floors
- Warehouses and workshops
- Car parks and garages
- All production areas

FEATURES

- Dry shake mixture
- Monolithic screed
- Improves abrasion resistance
- Increase durability
- Reduce surfaces dust
- Non toxic
- Chlorine and sulfate free

TECHNICAL PROPERTIES

FORM	powder
APPEARANCE	grey, red , green and yellow
DENSITY	1.4 ± 0.05 kg/l
COMPRESSIVE STRENGTH	70 N/mm ² after 28 days cured
TENSILE STRENGTH	> 1.5 N/mm ² after 28 days cured
ABRASION RESISTANCE	180 mg loss in weight
CHEMICAL RESISTANCE	fuel, mineral oils, ground water Sea water and NAOH 10%

INSTRUCTION FOR USE

- The concrete must be a minimum compressive strength 25 N/mm² and slump range 75 to 110 mm.
- Flat out the fresh poured concrete with a vibrating beam, smooth concrete preferably using a mechanical trowel.
- The poured concrete is ready for dry shake powder hardened when a finger pressed hard onto the surface of a about 3-5 mm depth.
- Sprinkle **VYFLOOR HARD** immediately uniformly to the concrete surface at an even rate 3-5 kg/m² .
- Allow the applied powder to absorb moisture from the concrete surface until a uniform dark color will be apparent.
- Flat out using a low speed mechanical trowel till a smooth durable monolithically surface obtained.
- If parts of the surface come loose or laitance rises, this means the concrete is still too fresh.
- After the final troweling operation completed apply **VYKURE R111** using air spray at rate of 6-8 m²/lit.
- All tools should be cleaned with water after use.

CLEAN UP

Clean all tools and application equipment immediately with solvent NO.3

PRECAUTIONS

- **VYFLOOR HARD** doesn't contain any hazard materials
- **VYFLOOR HARD** is nonflammable.
- **VYFLOOR HARD** should not be applied in hot direct sunlight.
- Wear gloves while working.
- Do not use material at temperatures that may cause premature freezing.
- Any splash to skin or eye should be washed using clean water.
- Consult the medical attention if necessary.

TECHNICAL SUPPORT

For any technical support, please consult **VYCON** office or visit our website <http://www.vycon-eg.com>

HEALTH AND SAFETY

Take precautions to avoid inhalation of spray mist and contact with skin and eyes. wear suitable protective clothing gloves, eye protection. if skin comes in contact it should be washed with fresh water and soap. eyes contact should be cautiously washed with fresh water. the product non toxic and non hazardous according to health and safety codes

WARRANTY: **VYCON CONSTRUCTION CHEMICALS** warrants that; (1) its products will perform substantially in accordance with the accompanying written materials for a period 1 year from the date or receipt. (2) The product will be free from defects in materials and workmanship under normal use for 1 year. In case of any product fails to conform to this warranty, **VYCON** will replace the product with no cost to the client. **VYCON** doesn't authorize anyone to make any written statement which may change the installation information or instructions of the product data. The wrong installation of the product which fails to conform to the instructions shall void the warranty.



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