



HYFIX FT3

DRY-SHAKE APPLIED WATERPROOF FLOOR HARDENER

- Waterproofing and surface hardener in a single product
- Suitable for use on traffic bearing surfaces
- Becomes an integral part of the concrete, providing an abrasion resistant waterproof surface

DESCRIPTION

HYFIX FT3 is a reactive, chemical waterproofing dry-shake floor hardener, reinforced with a specially designed blend of nonmetallic and high quality aggregate mix, specific cement mixtures and performance enhancing active chemicals. **HYFIX FT3** is monolithically applied onto horizontal surfaces by power trowel immediately after concrete casting.

TYPICAL APPLICATIONS

- Concrete slabs,
- Below-grade horizontal surfaces,
- Horizontal concrete surfaces exposed to water,
- Traffic bearing surfaces.

ADVANTAGES

- Can be applied under any weather condition suitable for concrete works.
- Becomes an integral part of the concrete substrate.
- Has excellent abrasion resistance, does not suffer from deterioration and surface wear.
- Minimizes surface cracks during hydration process.
- Acts as a surface hardener.
- Does not require any protection layer.
- Waterproofing during the service life of the concrete.
- Resistant against aggressive chemicals .
- Allows concrete to breath.
- Non-toxic.
- Resistant against hydrostatic pressures.
- Economical.

DIRECTIONS FOR USE

- When concrete is hard enough to support the weight of a man (3 mm foot trace), apply **HYFIX FT3** to the concrete at a rate of 3-4 kg/m² ensuring uniform distribution.
- For initial floating, wooden trowel is recommended; do not float with steel trowel.
- Avoid accumulation of excessive bleed-water on the surface, remove if necessary.
- Allow the applied dry-shake material to absorb moisture from the concrete surface, power float the surface.

CURING

- Application surface should be kept damped and early-drying should be prevented for the first 4 to 6 days after **HYFIX FT3** application. It is necessary to sprinkle water to the surface similar to concrete curing.
- **HYFIX FT3** applied surfaces should be cured with **HYFIX CURE** at rate of 0.200 -0.300 kg/m² in order to reduce curing time in tight schedules.

WATCH POINTS

- Do not use acrylic or paraffin based curing materials.
- Protect from frost during the curing period.

CONSUMPTION

3-4 kg/m²

PACKAGING

20 kg craft bag

STORAGE and SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions.

HEALTH and SAFETY

As with all chemical products care should be taken during use and storage. Avoid contact with food, skin, clothes, eyes and mouth. If accidentally ingested seek immediate medical attention. In case of contact with skin or eyes, wash with a plenty of water and soap. Should be kept away from children. Reseal containers after use. Please consult Material Safety Data Sheet (MSDS) for further information.

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