

JAZEFLOOR MONO TOP

Polymer Modified, Cement-based, Self-smoothing Floor Topping

Product Description

JAZEFLOOR MONO TOP is single component quality control ready – to use self-leveling floor toppings. It is formulated to provide a very hard surface for different thicknesses compounds that is easy to spread onto the prepared surfaces. It is providing continuous protection against water & soluble salts, chemical and reagents such as hydraulic fluids, oil & grease, etc.

It contains selected hard aggregate, hydraulic binders, pigments, shrinkage compensating agents, flow modifiers and other additives that improve physical & mechanical properties.

It is produced in two grades:

- JAZEFLOOR MONO TOP GP: **G**eneral purpose self-levelling compound for domestic and industrial applications from featheredge up to 30 mm.
- JAZEFLOOR MONO TOP HD: Heavy duty for industrial floor leveling compound from 6 – mm up to 50- mm.

It can receive coating with epoxy resin-based floor products.

Uses

JAZEFLOOR MONO TOP is formulated to provide a durable, self-levelling smooth floor toping with an excellent abrasion & impact resistance and chemical resistance against mild chemical attack and water soluble salts in:

- Levelling substrate prior to laying PVC floor tiles and carpets.
- Commercial & residential buildings.
- New constructions subjects to foot and heavy traffics.
- Highly abrasion resistant floor surfacing system for industrial and manufacturing areas.
- Workshops.
- Car parks.
- Service stations.
- Shipyards.
- Aircraft hangars.
- Car washes
- All similar works

Advantages

- Easy to apply.
- Factory quality control premixed.
- Contains very hard wear synthetic aggregates.
- Non-shrink and waterproofing.
- Excellent workability & self-levelling.
- Excellent wear, abrasion and impact resistant.
- High resistance to petroleum –based products.
- Provides dense, high impermeable concrete surface.
- Eliminates surface dusting.
- Non-corrosive
- Maintenance – free, long life performance.
- Provides anti-slip finish.
- Suitable for tropical climates.

Technical Properties

Appearance	Free flowing powder.
Specific Gravity (wet)	1.90
Compressive strength (N/mm²)	45
Flexural Strength (N/mm²)	12
Moh's Scale	7
Coefficient of thermal expansion	11 x 10 ⁻⁶ mm/mm per °C



Abrasion & Impact Resistance

It provides an excellent abrasion & impact resistance.

Mixing Water

4-liters of clean water / 25 Kg pack.

Yield

13.5 – 14 liter per 25-Kg Pack

Open Time

45 minutes @ 30 °C.

Application Rate

1.90-Kg /mm / m²

Guide for Applications

Surface Preparation

All surfaces should be sound, free from dust, oil & grease or other contaminants. Curing compounds and mould release agents shall be removed as well as cement laitance. Metal surfaces shall be free from rust or scale or any contaminants. Pre-wet the substrate to saturated dry conditions prior to application, but no standing water shall be found.

Priming

Prime substrates with bonding slurry as: OPC: JAZELATEX = 1part: 3 parts

Apply the bonding slurry by suitable brush or roller.

In special cases, it is recommended to use JAZEBOND – EP (see separate data sheet).

Mixing

Pour 5 – 6 Kg of clean water into the mixing vessel and gradually add the powder while mixing. Continue mixing till homogenous colour and consistency free from lumps is achieved. It is recommended to use an electric drill with low speed (300 – 500 rpm).

Application

Apply the mixed materials onto the prepared & primed substrates and spread to the required level using notched trowel or pin screeder. Roll immediately with a spiked roller to remove the entrapped air.

Curing

Curing shall be carried properly immediately after the final floating. JAZECURE – AR or JAZECURE – RB is recommended (see separate data sheet).

Cleaning

Clean tools and equipment after finish work immediately with water.

Packaging

JAZEFLOOR MONO TOP is supplied in 25- Kg pack size.

Storage & Shelf-life

JAZEFLOOR MONO TOP shall be stored in normal conditions away from any extreme temperatures and moisture. Shelf-life is 12 months if stored properly in well-sealed containers.

Health & Safety

- JAZEFLOOR MONO TOP is non-toxic, non-hazardous during handling, and use.
- For Ecology: Do not dispose directly to water or soil. Mix with water and wait till hardening and then bury in landfill.
- Splashes on skin will be washed with water and soap.

JCC CONSTRUCTION CHEMICALS

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the application they intend to use our products for.

JCC endeavors to ensure that any advice, recommendation, specification of information in accurate and correct manner.