



Vetotop XT537

Non-metallic colored dry-shake monolithic floor hardener for stamped concrete

Uses

- Enhancing concrete floor surface properties.
- Provide an abrasion resistant concrete floor surface.
- Production of stamped & stenciled concrete.
- Enhance durability of concrete floors.
- Dust-proofing of concrete slabs.

Product Description

Vetotop XT537 is a cementitious floor dressing material composed of hydraulic binders, selected hard wearing aggregates and special additives. It is supplied as a dry powder in pre-weighed bags ready to use on site. Vetotop XT537 is applied by dry shake method to provide hard wearing top surface that bonds monolithically to the concrete flooring. It is ideally suited for all industrial areas subjected to heavy traffic, such as power stations, heavy industry, agricultural buildings, distillation plants, laboratories, abattoirs, warehouse floors, loading bays and work shops.

Advantages

- Premixed, ready to use offering factory controlled quality assurance.
- Ease of application.
- High abrasion and impact resistance.
- Bonds monolithically to fresh concrete.
- No-dusting surface.
- Non oxidizing.
- Slip-resistant finish can be obtained.
- Provides a hard dense surface resistant to oils and petroleum based products.
- Suitable for internal and external use.
- Economic installation.

Standards Compliance

- Tested to ASTM C944/C944 M-12 for abrasion resistance.
- Mineralogical Society of America - 7 on Moh's scale of hardness.

Technical Data

Vetotop XT537	Typical Values
Appearance	Granular Grey color Powder
pH	12-13
Wet density (Kg/Liter)	2.0 approx.
Hardness (Moh's Scale)	7
Compressive Strength EN 12390-3:2009	70 N/mm ² @ 28 days
Abrasion Resistance Improvement over control having 370 Kg cement and w/c=0.5 ASTM C779/779M-12	250%
Impact Resistance	50N without damage and 100N with slight indentation but no fracture
Harmfulness to ECC 88/379	No
VOC	<25 gm/Liter

Design Criteria

Use a properly designed non bleeding concrete mix of required strength, with a minimum cement content of 300 Kg and a slump of 75 mm and not more than 3% entrained air. The surface is then floated with a wooden or aluminum float. After casting, any bleeding water from the concrete should be removed.

Usage Instructions

Application

Sprinkle Vetotop XT537 along edges of bays (Approx. 100 mm strips) where expansion and contraction joints will be located first. Float into surface using a wooden float.

As soon as the concrete is firm enough to support the weight of the workman, apply the first shake of Vetotop XT537. Use up to 2/3 of the total shake mix in the first application. Treat areas adjacent to walls and columns first. Spread the material evenly by sprinkling at right angles in two pass close to floor level. Allow applied material to absorb moisture from the concrete surface. Uniform darker color will be apparent.

Using a wooden float, float Vetotop XT537 into the concrete ensuring material becomes an integral part of the surface. Follow second floating immediately after first floating. Spread the balance 1/3 of the material, follow promptly with second floating using wood or aluminum float or power float in case of large areas. A third power floating may follow for added compaction, if required.

Curing

Vetotop XT537 is a cementitious product. All norms and practices of casting and curing cementitious products should be followed. It can be done by either covering with wet water and polyethylene sheets or by the application of curing compound. Immediately after removing polyethylene sheet sweep the floor to remove any dust or loose particles.

Packaging & Coverage

Product	Pack Size
Vetotop XT537	25 Kg Bag

Usage	Consumption
Light Duty	3-4 Kg / m ²
Medium Duty	5-7 Kg / m ²
Heavy Duty	8-9 Kg / m ²
Expansion Joints	1.5-2 Kg / 10 cm strips

Stated consumptions data are for general guidance. Actual consumption depends on the nature of substrate, method of application and wastage.

Shelf Life & Storage

Original sealed bag of Vetotop XT537 has a shelf life of 12 months provided it is stored clear of ground in a dry and shaded place below 35°C.

Limitations

- After application, avoid rapid evaporation of water that may cause the small superficial fissures appearance due to plastic shrinkage.
- It is recommended to cover with impermeable sheets for the initial 24 hours.
- Do not apply the product at temperature less than +5°C or excessive heat or high wind conditions.
- Ensure that enough labors, machinery and material is available to complete treating the whole area before concrete dries.
- Do not use Vetotop XT537 in areas that are exposed to acids. In case of colored floor, test a small area of floor to ensure the color integrity.
- Tools should be cleaned with water before the mortar hardens. After the hardening its residuals can be removed mechanically only.
- For further information contact Saveto technical department.

Health & Safety

Vetotop XT537 is highly alkaline therefore avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be wash with soap & water. In case of eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advise.

Vetotop XT537 is non-flammable.

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