

BP TekniFloor LDP

Liquid Floor Hardener and Dust-proofer

Description

BP-TekniFloor LDP is a ready to use, liquid floor hardener and dustproofer for concrete floors. It penetrates into the concrete substrate resulting in a chemical reaction with cement hydrate components providing a dense surface.

Application Area

BP-TekniFloor LDP is a new generation dustproofer and floor hardener providing a hardened dust free surface for new and old concrete floors and granolithic paving. Ideal for use in workshops, warehouses, carparks, garages, production areas, hospitals, schools, commercial floors, shopping centers, loading bays, industrial complexes, etc.

Advantages

- ✓ Ready to use, single component and can be applied over hardened concrete
- ✓ Excellent penetration into the concrete surface
- ✓ Hard, dust free finish with minimal film formation
- ✓ Impermeability of the concrete surface is enhanced
- ✓ Acid/chemical resistance of the concrete surface is improved
- ✓ Easy to apply
Reduced cost over shake on hardeners
- ✓ Does not delaminate

Typical Properties

Property	Test Method	Value
Component		Single
Form		Liquid
Colour		Clear to Opaque
Specific Gravity	ASTM D1475	1.10 +/-0.02
UV and Water Exposure		No adverse effects
Surface Hardening	ASTM C805	> 30% increase over untreated surface

Surface Preparation

Concrete surfaces should be clean and free from all traces of oil, grease, curing compound, loosely adhering materials, etc. Surfaces which are cleaned will ensure deeper impregnation. Newly placed concrete should be at least 14 days old and should have achieved its design strength with no further shrinkage cracks appearing on the surface.

Mixing

Material should be stirred well before application. No special mixing is required.

Note: Field service where provided does not constitute supervisory responsibility. Suggestions made by **Conpacmix (BD) Ltd.** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **Conpacmix (BD) Ltd.**, are responsible for carrying out procedures appropriate to a specific application.

Manufacture:



Application Guidelines

Ensure that the surface is completely dry. Spray **BP - TekniFloor LDP** over the surface with knapsack spray, watering can or by soft brush. Generally two coats are sufficient. However, third coat may be required for porous concrete. Allow 24 hours between applications of each coat. After final treatment the surface should be washed down with water to remove excess material on surface.

Packaging

20 ltr and 200 ltr

Coverage

6 m²/ltr/coat (coverage depends on porosity of substrate)

Storage & Shelf-life

12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.

Limitations

At temperatures above 35°C, it is recommended that measures are taken to reduce material placing temperatures. These include, storing materials and equipments under cool shade and away from direct sunlight. Avoid installation during the hottest part of the day. Ensure that water temperature is kept below 20°C. Should not be used in unrestrained area.

Cleaning

Clean all equipments and tools with water immediately after use. Hardened material can be removed mechanically.

Health and Safety

This product contains cement powders which, when mixed with water or upon becoming damp, release alkalis that can be harmful to skin. During use, avoid inhalation of the dust and contact with the skin or eyes. Gloves, goggles and suitable mask must be worn. Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately. Regarded as non-hazardous for transportation. Do not reuse containers. To be disposed off as per local rules and regulations.

Quality & Care

Conpacmix (BD) Ltd acquired German technology for an updated production facility and set up a state of the art laboratory facility for conducting regular quality assessments on raw materials procured and finished products. Process from procurement of raw materials to finished products, are managed by qualified and experienced engineers, chemists and technicians.