



# BestHard LS110

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Surface hardener, dustproof compound for concrete.

**Description:** BestHard LS110 is an one-component lithium silicate compound that strengthens concrete surface hardness, especially for concrete floors and floors, increasing wear resistance, resistance to dust generation in concrete use.

**Recommended for:** Floors of industrial factories, warehouses, garages, parking lots, ... places with high requirements for anti-wear, anti-dust generation for concrete surfaces.

**Advantages:**

- Ready to use. Easy to apply.
- Improved chemical and abrasion resistance compared to untreated concrete. Anti- dust. Improves cleanability.
- Non-yellowing.
- Good penetration. Improve hardness.
- Solvent free.
- Colourless and odourless. Do not change the floor's color.
- Apply in both outdoor and indoor.
- Environmentally friendly.

## PRODUCT DATA:

**Appearance:** Viscous liquid.

**Color:** Semi-transparent.

**Packing:** 25liters/can; 210l/drum, 1000l/tank.

**Storage:** In cool and dry places, at temperatures between +5°C and +30°C.

**Shelf life:** 24 months, if stored properly in original.

**Active content:** ≥ 15 %.

**VOCs content:** 0 g/l

**Density:** 1.10 ±0.05 kg/l

**pH:** 11.0 ± 1.0

**Consumption:** 10 ÷ 20 m<sup>2</sup> /L (depending on the concrete status).

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**Abrasion Resistance:** 25 ÷ 50% increase in abrasion resistance (depend on surface condition).

**Permeability:** 2.0 ÷ 10.0 mm (depend on surface condition).

**Application temperature:** Minimum: + 10°C ( above dew point temperature of 5°C)  
Maximum: + 40°C  
Relative humidity ≤ 80%

**APPLICATION:**

**Surface preparation:** Surfaces must be sound, open textured, clean, free from frost, laitance, surface water, oils, grease, coatings, all loosely adhering particles and other surface contaminants.  
In order to allow the material to penetrate deeply, concrete should be dried to the appropriate moisture content (≤8%).

**Placing:** Use a roller or low pressure sprayer to evenly spread the material to the surface according to the appropriate rate (depending on the surface status). After about 30 minutes (when the material begins to gel), use a clean water jet to spray an appropriate amount of water just enough to re-disperse (with a brush or a scrubber) the remaining material on the surface.  
Once the surface begins to dry again, rinse with water jet and dry with a wet rag or vacuum cleaner.  
When there is a need to polish the surface, it is recommended to use BestSlick G85 polishing compound to increase the aesthetics of the concrete surface.

**Cleaning:** Clean all tools and application equipment with clean water immediately after placing and before the material hardens.

**Disclaimer:** *The technical information and application instructions in documents of BESTMIX are based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of product, so users should test the product for each purpose. BESTMIX has the right to change the features of our product, user must always refer the latest technology product.*