

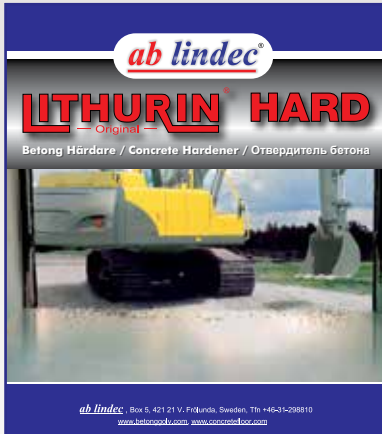
### Lithurin® Hard

Lithurin® Hard is a deeply penetrating fluid hardener that reacts and strengthens the structure of concrete surfaces.

Lithurin® HARD is an impregnator, does not form a surface film and hardens the concrete surface.

Lithurin® Hard is water-based and does not change the concrete's colour. The concrete becomes more resistant to abrasion.

A one-off application provides long-term protection. Lithurin® HARD is emissions tested: result (Indoor Air Comfort Gold.)



### Area of application

- Hardening of concrete surfaces indoors and outdoors.
- Used in combination with Lithurin® DENS, SEAL, PROTEC.
- Hardens the concrete surface prior to diamond grinding.

### Environmental benefits Lithurin® Hard

- Indoor Air Comfort Gold.
- Water-based.
- Odourless.

### Benefits Lithurin® Hard

- Maximises abrasive resistance for the concrete surface.
- Durable – a one-off application provides long-term protection against abrasion.
- Fast drying time – dry after 30 minutes, at a temp. of +15-18°.
- Can be used on new or existing concrete.

### Equipment needed

- Low-pressure sprayer.
- LC Rider Pad 320.
- Combi scouring machine/wet vacuum cleaner.



### Requirements for treatment with Lithurin® Hard

- Min. temp +5° on the surface of the concrete (equivalent to an air temp. of +10°).
- The surface must be free of contaminants.
- In treatment of old floors, the surface must be grinded clean before application.

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### Instructions for Lithurin® Hard, indoors and outdoors

1. Apply Lithurin® HARD with a low-pressure sprayer or an LC applicator. Allow the material to react for about 15 min. Then scour the surface with LC Rider Pad 320 on a single trowel or ride-on trowel. At high temperatures; prewater the surface.
2. Lithurin® HARD must remain wet on the surface for at least 15 minutes before it is allowed to dry.
3. Important! Clean the surface with a combi scouring machine/wet vacuum cleaner before Lithurin® HARD dries.
4. With an extremely dry surface, prewater the surface in two steps; once the day before and once before application.
5. If the surface has already dried, repeat from step 1 as soon as possible
6. No residues of Lithurin® HARD should remain on the surface when the application is completed.
7. Under certain conditions, e.g. low temperatures, strong wind etc., the absorption time is longer and at higher temperatures the absorption time is shorter.

### Consumption

- Machine trowelled surface: approx. 0.15 litres/m<sup>2</sup>.
- Non-machine trowelled surface: approx. 0.2-0.4 litres/m<sup>2</sup>.



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