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### Demand for the concrete

- Minimum 7 days old concrete (Lithurin I) based on temperature of + 14 to 18 °C and minimum 14 days based on temperature of + 10 to 13 °C.
- Temperature on the floor surface cannot be lower than + 5 °C, which equals approx + 10 °C in the air. Below that temperature the concrete absorbs less material which prolongs the hardening time.
- The floor must be free from dust, grease and moisture curing (grinding)
- Avoid water on the floor during the first 5 days based on + 10 °C.

### Preparation of the floor

- Clean the floor thoroughly with vacuum cleaner, or scrubber drier machine (let dry before before treatment).



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### Instructions for Lithurin I

1. Dilute Lithurin I with water 1:1
2. Work the material into the floor with a soft bristle brush to ensure good absorbance.
3. Distribute Lithurin I generously over the surface until all puddles are gone. Remove all footprints.
4. Let dry.

Apply Lithurin II Special the following day.

In certain conditions as for instance low temperature, the absorption time is longer and in higher temperatures shorter.



### Consumption

- Machine trowelled surface, approx 0,10 lit/m<sup>2</sup>.
- Non machine trowelled surface, approx 0,2-0,4 lit/m<sup>2</sup>.

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### Instructions for Lithurin II Special

Can be applied as soon as the first treatment with Lithurin I has dried.

1. Work the material into the floor with a soft bistle brush to ensure good absorbance. Keep the floor wet (at + 10-12 °C) 15-20 minutes. If the floor starts drying, apply more Lithurin II Special. Make sure that no part of the floor dries during the



absorption time. The material will be sticky if it takes too long time, especially in higher temperatures.

2. Remove almost all excess material with a squeegee while the material is still in liquid form.
3. After that apply a thin layer with Lithurin II Special with a brush or sweeper to create a thin film.

To ensure that the floor gets the right amount of material, the instruction should be followed.

In certain conditions as for instance low temperature, the absorption time is longer and in higher temperatures shorter.

### Consumption

- Machine trowelled surface, approx 0,125 lit/m<sup>2</sup>.
- Non machine trowelled surface, approx 0,2-0,4 lit/m<sup>2</sup>.

*AB Lindec endeavours to provide correct information about technical properties and handling of its products. However, while ab lindec has no control over the way in which the products are mixed and laid, or the conditions under which they set, ab lindec can in no way be held responsible. ab lindec is only responsible for the quality of the products at the time of delivery.*

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### Demands for newly made concrete floors

- Newly poured, and well trowelled floors.

### Instructions for Lithurin II Special as moisture curing or as a single treatment on old floors.

(New floors) Apply as soon as possible after trowelling.

(Old floors) Apply after well performed cleaning (see preparation of floor).

1. Work the material into the floor with a soft bristle brush to ensure good absorbance. Keep the floor wet (at + 10-12 C) 15-20 minutes. If the floor starts drying, apply more Lithurin II Special. Make sure that no part of the floor dries during the absorption time. The material will be sticky if it takes too long, especially in higher temperatures.
2. Remove almost all excess material with a squeegee while the material is still in liquid form.
3. After that apply a thin layer of Lithurin II Special with a brush or sweeper to create a thin film.

To ensure that the floor gets the right amount of material, the instruction should be followed.

In certain conditions as for instance low temperature, the absorption time is longer and in higher temperatures shorter.

### Consumption

- Machine trowelled surface, approx 0,15 lit/m<sup>2</sup>

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## PLEASE NOTE THE FOLLOWING!

### Lithurin I

#### The surface is completely white?

1. The surface has not been and Lithurin I has reacted with the concrete dust.
2. Too much material. The floor can't absorb all material, so it has dried in the surface.
3. The surface is closed. Moisture curing has not been removed.

#### White spots?

- Too much material in the puddles. The material has dried on the surface.

**How to solve;** Wipe or scrub away white residue with clean water and black scouring nylon as soon as possible.

### Lithurin IIS

#### The surface is mat

- The floor didn't get enough material.

**How to solve;** Add Lithurin II Special once more with half consumption (0,05 to 0,08 liter/m<sup>2</sup>).

#### The surface is completely white

1. Too much material has been applied. The floor can't absorb all material, it has dried in the surface.
2. The surface is closed. Moisture curing has not been removed.

#### White spots

- Too much material in the puddles. The material has dried in the surface.

**How to solve;** Wipe or scrub away white residue with clean water and black scouring nylon as soon as possible.

**P.S.!** Never treat the floor with Lithurin II Special, if there is white shames or spots left from Lithurin I, because these will be stuck between the two applications and can't be removed.

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