

LITHURIN®

Lithurin® Formula Improving concrete in 4 ways



HARD
Concrete hardening



DENS
Concrete densification



SEAL
Concrete sealing



PROTEC
Concrete stain protection



Lithurin® Formula

is a well preserved composition with it's origins from the early 1930s and has over the years been refined into today's products. The technique is simplyfied described as a chemical reaction with minerals and substances in the concrete and the product. The benefit is that as soon as the chemical reaction is finished, the result is a homogeneous structure in the concrete, with no risk of delscaling or flaking.

History

Lithurin® has been used on concrete floors for 40 years on over than 35 000 000 m² in more than 35 countries. Among our customers are well renowned companies such as Volvo, Coca Cola, Akzo Nobel, Facebook and IKEA.

Where to use Lithurin® treatments

- Warehouses, production and distribution centres
- Shops, depots and shopping centres
- Garages and car parks

Abrasion

The biggest problem for a concrete floor is mechanical abrasion through walking, vehicle and forklift traffic. Independent test results prove that Lithurin® treatment increases abrasion resistance by approx 10-20 times according to Aston Services, UK. Lithurin® replaces so called dry shake hardeners with less risk and less manpower at a lower cost.

Efficiency

Independent test results prove that when using Lithurin® as a moisture curing the efficiency is 75%.

Green aspect

Indoor Air Comfort GOLD
Lithurin® is water based and environment friendly. Lithurin® produces no smell or taste.

ab lindec®

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LITHURIN® HARD, DENS, SEAL AND PROTEC ARE COMBINED ON THE BASIS OF REQUIREMENT AND ECONOMY

Indoor treatment

1 x Lithurin® Hard

1 x Lithurin® Seal

Area of application: when a hard and durable surface is required on a machine-finished concrete floor.

Correctly executed treatment produces an abrasion value equivalent to hard concrete.

1 x Lithurin® Hard

1 x Lithurin® Dens

Area of application: when a hard and durable surface is required on a machine-finished concrete floor which will be sprinkled with water, e.g. washing facilities or surfaces that are cleaned with highpressure washing.

1 x Lithurin® Dens

Area of application: when the aim is to dust control a self leveling mortar. A correctly executed treatment provides a dust-free, easy to clean and a glossy surface, which reduces friction and thereby increased durability.

1 x Lithurin® Seal

Area of application: when the aim is to dust control a machine-finished concrete floor. A correctly executed treatment provides a dust-free, easy to clean and a glossy surface. Lithurin® Seal reduces friction and thereby increases durability.

1 x Lithurin® Seal

Can be used as a combined moisture curer and as dust binder. Applied directly on a ready trowelled surface.

1 x Lithurin® Protec

Area of application: top treatment when aim is to increase stain protection of the concrete surface, used in combination with Lithurin® Dens and Lithurin® Seal.

Diamond ground concrete

1 x Lithurin® Hard

Area of application: to obtain a harder surface. With a harder surface, the glossy surface appears earlier compared to an untreated surface (increases the permanence of the gloss and is cost-efficient).

1 x Lithurin® Dens

Area of application: to obtain a densified surface before polishing a concrete surface. Lithurin® Dens densifies the pores in the concrete surface and produces a deep gloss.

1 x Lithurin® Protec

Area of application: top treatment when the aim is to increase stain protection of the concrete surface, used in combination with Lithurin® Dens.

Outdoor treatment

2 x Lithurin® Hard

Area of application: when a hard and durable surface outdoors, where the concrete surface has a finer surface structure and where the aim is to retain the surface structure as anti-slip protection.

2 x Lithurin® Hard

1 x Lithurin® Dens

Area of application: when a hard and durable surface is required outdoors, where the concrete surface has courser surface structures.

1 x Lithurin® Protec

Area of application: top treatment when the aim is to increase stain protection of the concrete surface, used in combination with Lithurin® Dens.

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