

# HERKULIT

## HARD CONCRETE MATERIAL



SAAB Trollhättan, Sweden 20 000 m<sup>2</sup>



Bauhaus Hyllinge, Sweden 10 000 m<sup>2</sup>



Coca Cola Stockholm, Sweden 22 000 m<sup>2</sup>



IKEA-Khimki Moscow, Russia 10 000 m<sup>2</sup>

***ab*** **lindec**

## The floors - a part of your production facility

The floors in factories and warehouses are an important part of the manufacturing process - should the flooring fail, production will stop. It is sensible to calculate in an extra initial cost by looking upon it as an insurance against stoppages later on, should the floors need repairing. Repair costs will be many times higher than the initial extra investment.

Herkulit hard concrete is available in several colours, thereby substituting less durable materials such as epoxy, polyuretan etc.

SP (Swedish National Testing and Research Institute) have tested a Herkulit at Ericsson Mobile Communications, using test method SS 137241. The depth of abrasion after 1600 turns was only 0,01 mm (report 98B61920A).

Aston Service, UK have tested Herkulit using test method BS 8204: part 2. The depth of abrasion after 2850 revolutions was only 0,04 mm (report December 2000).

## Facts about Herkulit hard concrete

Quality of concrete according to European Standard SS EN 206-1	Abrasion after 1600 turns (mm)	Abrasion Din Böhme cm <sup>3</sup> /50 cm <sup>2</sup>
Concrete C25/30	0,80	-
Concrete C32/40	0,40	-
Concrete C40/50	0,20	-
Herkulit Top 200	0,01	4,3
Herkulit Top 100	0,05	5,2
Specified norms for Swedish HUS AMA-98 for hard concrete	0,20	7,0



The figures are results of laboratory tests and can not be guaranteed on a building site where conditions can be very different.

For more information please visit our web site:  
[www.concretefloor.com](http://www.concretefloor.com)

## Why chose Herkulit hard concrete?

Herkulit Top contains a special cement which increase the durability and reduces surface cracks as well as lime precipitations.

When laying, Herkulit absorbs moisture faster than other similar materials giving a more even quality and therefore a better final result.

Herkulit is suitable for both wet and dry areas and is non-slip.

Herkulit is environmentally friendly.

Herkulit does not contain metal aggregate and is therefore non-rusting.

Herkulit is an internationally well known hard concrete material and more than 13 000 000 m<sup>2</sup> have been laid.



### A BRIEF HISTORY OF HERKULIT

The first Herkulit hard concrete was produced in 1935. Today, almost 65 years later, more than 13 000 000 m<sup>2</sup> have been laid worldwide. Herkulit hard concrete is represented on several continents through our own sales offices or agents who market our complete range of products

"*lindec flooring system*"



# lindec flooring system

## Laying instructions



1. The base must be of good quality, smooth, newly laid and just solid enough to walk on.



2. Sprinkle the material evenly over the surface using either sprinkling carrier or topping spreader. Leave to absorb moisture from the concrete base.



3. Power float with disc.



4. Power float with finish blades to get smooth, even surface.



5. Finally treat with Lindolit moisture curing, alternatively use plenty of water and cover with plastic film.

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## LITHURIN

Lindec Lithurin hardener and sealer has been used for over 25 years and has been laid on more than 20 000 000 m<sup>2</sup> in more than 25 countries. Lithurin is based on water, approved for use in the food industry and increases resistance to wear up to 20 times. Lithurin lets the floor breathe and is easy to apply. The greater the wear the better the finish.

## LINDOLIT

Lindolit moisture curing is a water-based acrylate dispersion with additives for treatment of newly laid concrete floors. Lindolit prevents fast drying and reduces the risk of shrinkage cracks while setting. The after-treatment is of great importance for the final quality.

Lindolit is also available as solvent-based moisture curing.

## LINOFOG

Linofog -joint system. Concrete floors tend to shrink and crack. The best way to prevent this is to saw the floor shortly after laying it (so called notches). Saw to about 1/3 of the floor thickness. After 3-6 months at the earliest the joints can be primed and filled. Linofog is elastic enough to stand up to movement and hard enough to endure heavy stress. Linofog is also ideal for repairing cracks.

## LINO FLOORWASH

Lino Floorwash is an efficient cleanser for concrete, granite, marble, tiles and clinkers. Lino Floorwash is recommended for use on industrial floors, in work shops and warehouses. Can also be used on untreated surfaces and floors with heavy lime precipitation. The daily cleaning of floors in working premises is important not only for hygienic purposes but also for the well-being of the employees.

### Maintenance programme

*lindec flooring system* has a programme with advice how best to treat a newly laid industrial floor; how to protect it from tyre marks and avoid damage from heavy weights during setting time. Cleaning recommendations are also given.