



# HERKULIT

## HARD CONCRETE

Art. No 1204-1214

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During Herkulit's history of over 50 years, it has been used on over 13,000,000 m<sup>2</sup> of floor.

Herkulit Top is a ready-mixed material which is applied on freshly laid, damp concrete surfaces. Herkulit is made up of pure, specially granulated quartz, Dynagrip and special cement which has high durability even in small quantities. So, the risk of surface cracks and the formation of lime deposits is reduced.

Another major advantage is that Herkulit absorbs moisture considerably faster and therefore provides much better results than other dry shake materials which are used for high resistance surfaces.

### Herkulit's range of applications:

Any floors which are subject to high or very high wear and tear such as: warehouses, production plants, hangars, car parks and esthetic floors in supermarkets, food stores and shops etc.

**Recommended consumption of Herkulit Top:** 5 kg/m<sup>2</sup>.

**Herkulit is available in the following colours:** light-grey, grey, graphite grey, red, yellow, green, blue, beige and chameau. Special colours can be produced upon request.



Tests in accordance with the standards of DIN 18555, 52108 and SS137241	Compression strength (reference value) N/mm <sup>2</sup>	Abrasion after 1600 turns (mm)	Abrasion in DIN Böhme cm <sup>3</sup> /50cm <sup>2</sup>
Herkulit Top 100	83	0,05	–
Herkulit Top 200	98	0.01	4.3
Herkulit Top special	107	0.01	3.9
Specified norms for hard concrete HUS-AMA-98	min 65	max 0.2	7.0

- Herkulit Top is used directly on a freshly laid concrete base. Therefore the time needed to make the floor is drastically reduced in comparison with other types of floor covering, such as epoxy or polyurethane.
- Herkulit Top does not contain metal aggregate and is therefore non-rusting.
- Herkulit Top can withstand grease, solvent, some acids and low alkaline solutions.
- Herkulit Top is non-slip, water proof and easy to clean.



## LAYING INSTRUCTION

When following *lindec flooring system 1-5* description you are able to create a correctly made concrete floor.

1.) Apply the concrete base as evenly as possible. Observe that a lower “slump” reduces the colour differences in the top surface.

2.) When you are able to walk on the surface and the “foot mark/print” is approx 1 mm, it is time to apply the Herkulit. When applying this late, the tire marks from the sprinkling carrier can almost be avoided.



3.) To increase the bonding between the concrete base and the Herkulit, apply 1 kg per m<sup>2</sup> and then power float the surface with disc, mainly to avoid residues on the top where the Herkulit is to be applied.

4.) After the first trowelling, apply the remaining 4 kg per m<sup>2</sup> Herkulit as evenly as possible, with the sprinkling carrier. Let it absorb moisture from the concrete base.

5.) After the Herkulit has absorbed moisture, power float with disc at least 5-6 times in both directions. Consider using Allen “composite” disc, especially when using lighter colours (see concrete machinery).

6.) Finally power trowel the surface with finishing blades, at least 3-4 times in both directions.

7.) Directly after the last trowelling, apply Lindolit W (water based) with the consumption of 1 litre (concentrate) to approx 10-12 m<sup>2</sup> (diluted 1:2 with water) or 1 litre (concentrate) to approx 15-17 m<sup>2</sup> (diluted 1:3 with water) in combination with water and plastic film, which are applied the following morning. Another option is to apply Lindolit S (solvent based) or Lithurin II Special (water based) with the consumption of 1 litre to approx 8-10 m<sup>2</sup>.



8.) Before using the floor, we recommend cleaning with Lino Floorwash, using a scrubber dryer machine (scrubs and vacuums) with a black scouring nylon. Consumption 1 litre for 30 m<sup>2</sup> (diluted 1:3 with water). This will impregnate the surface and increase the shine.

*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.*