

HERKULIT

DRY SHAKE HARDENER HERKULIT TOP

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

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

Advantages +

- Herkulit Top increases the abrasion resistance up to 70 times compared with a C 25/30 concrete (European standard 206-1)
- Herkulit Top is self polishing – the more wear, the better the surface finish
- Herkulit Top (light colours) are reflective
- Herkulit Top contains a special cement, which makes it possible to decrease the amount of cement and at the same time increase that abrasion resistance. The risk of surface cracks is thereby also decreased.
- Herkulit Top absorbs moisture considerably faster than competing dry shake material. Therefore it can be applied later, which results in a more even colour and a better final result.
- Coloured Herkulit Top products have a high content of pigment, which gives a rich and even colour.
- Herkulit Top can replace epoxy and polyurethane paint, is more resistant to abrasion and is easier to maintain.
- More than 20 000 000 m² of Herkulit have been installed worldwide.



Abrasion

The hardest attack on concrete comes from abrasion due to wear and tear from cars, machines, forklifts and pedestrians. Independent test results show that Herkulit Top increases the resistance to abrasion up to 15 times more than required according to BS (British Standard) and SP (Swedish National Authority for Testing). Herkulit is minimum equivalent to a C80/90 concrete (abrasion), see table below:

Quality of concrete slab, EU standard SS EN 206-1	Abrasion in mm after 1600 rev, (max 0,20 mm required)	Abrasion in mm after 2850 rev, (max 0,20 mm required)	Abrasion Böhme, DIN 18560, (max 7,0 required)
Concrete C25/30	0,80		
Concrete C32/40	0,40		
Concrete C40/50	0,20		
Herkulit Top 200	0,01	0,04	4,3
Herkulit Top 100	0,05		5,2



BS 8204:part 2/ASTM 169-A, British/USA standard



SS 137241, Swedish standard



Din Böhme 18560, German standard

Suitable for floors in:

- Production and warehouse facilities
- Distribution and logistics centers
- Shops and shopping malls
- Airports, train and bus terminals
- Workshops
- Garages and parking areas

History

20 000 000 m² of Herkulit concrete floors have been laid over the past 50 years in more than 30 countries. Companies who have had the confidence in our products are among others Volvo, IKEA, SAAB and Coca Cola.

How to lay Herkulit Top

Herkulit Top is sprinkled over newly laid concrete and thereafter panned into the surface. Herkulit Top is best applied with a sprinkling carrier or a dry shake applicator. See separate laying instruction.

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P.O. Box 5, 421 21 V.Frölunda, Sweden, Tfn +46-31-298810,
Fax +46-31-298876, export@lindec.se, www.concretefloor.com