

### Herkulit<sup>®</sup> Top dry shake – laying instruction (manually with spreader)

1. Lay the concrete base as evenly as possible. Note that a lower “slump” on the concrete base ensures better bonding and reduces the color differences.
2. Apply Herkulit Top when the surface is “walkable” and the “foot print” is approx 1 mm. By applying as late as possible, the risk for discoloring is minimized.
3. Power trowel the surface before applying Herkulit Top. Thereafter apply approx. 2,5 kg per m<sup>2</sup> as evenly as possible, using a spreader. Let the Herkulit Top absorb moisture from the concrete base and then power trowel the Herkulit Top with a trowel pan.
4. After the second troweling, apply the remaining 2,5 kg per m<sup>2</sup> with a spreader as evenly as possible. Let the Herkulit absorb moisture from the concrete base. (This should take minimum 5 minutes and maximum 15 minutes.)
5. When the Herkulit has absorbed moisture, power trowel with pans 5-6 times in both directions for best possible flatness and surface finish. Use LC Composite pan for lighter colors. 1200 mm pan increases flatness.
6. Finally power trowel the surface with blades minimum 3-4 times in both directions. Trowel with almost flat blades the first time. Second time with slightly tilted blades. The last time round, leave an opening at the leading edge of the blade at maximum 10 mm.
7. Immediately after the last troweling, treat the concrete for hardening:
  - water and plastic film for 14 days (100% effective)Where water and plastic film is not practical:
  - Lindolit 1:2 (84% effective) + water and plastic film for 7 days (100% effective)Where the above does not work:
  - Lindolit 1:1 (84% effective)

**For aesthetic polishing or extended stain protection, see next page.**

**Maintenance:** We recommend cleaning with Lindec Concrete Soap in a scrubber-dryer machine, using a red scouring pad.

### Concrete base: Recommendations when using Herkulit Top Dry Shake:

#### **Recommended wcr:**

- Top 100, wcr 0,57-0,60
- Top 200, wcr 0,54-0,57
- Top 300, wcr 0,50-0,54

**Recommended:** plasticizer based on naphthalene polymers, melamine polymers

**Not recommended:** plasticizer based on polycarboxylate

#### **Lowest recommended concrete quality in relation to slump:**

- Slump <150mm – concrete quality C28/35
- Slump >150mm – concrete quality C30/37



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### How to achieve a better and more even color when working with Herkulit® Top.

It is important to remember that that concrete base contains different kinds of ballast, cement, water and additives. The concrete will vary more or less from time to time and this will affect the end result. It is hard to control this 100% but below you will find some points to take into consideration, which can help to achieve a better result.

1. Make sure that the concrete is of good quality. Lower slump and higher cement content will diminish eventual problems.
2. Try to apply Herkulit Top as late as possible.
3. When using plastic film and water, make sure that the plastic stays in place during the first 14 days and that it covers the entire floor during this time.
4. Avoid walking on newly laid Herkulit with dirty shoes. This is extra important on lighter colors (white, yellow, light grey and beige).
5. Avoid pans and blades of inferior quality. These can leave burn marks that darken the surface. Use LC Composite pans on lighter colors.
6. Hand tools, pans and blades should be clean and free from concrete residues.
7. When working with petrol/diesel powered machines, do not fill the tank on the newly laid concrete.
8. Avoid trowelling too hard, especially on light colored floors.

Observe that eventual color differences do not affect the quality. It is only a cosmetic difference – the product will not be inferior or weaker.

#### **Aesthetic treatments:**

LC Rider PAD 120-800 Gritt and Lithurin HARD and DENS  
Requirement: Water and plastic film for hardening treatment

**Extended stain protection:** Can be applied on all surfaces.

LC Rider PAD 1000 Gritt and Stainwash

**Test results:** [www.lindec.com](http://www.lindec.com)

**Assessments, markings:** Sunda Hus, Miljöbedömningen, Basta, CE

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