

Lime Concrete Flooring

Fine and Ruled Finished Floors

The following details are given for information purposes only. Final dosages and application should be checked with our technicians

- 1. Ingredients**

10 – 30 kg bags or 300 kg (660 lbs.) NHL 5 per cubic yard of aggregates consisting of 1 part sharp sand: 2 parts fine sharp sand. For Limestone finishes see Le Décor LimeFloor information.
http://www.transmineralusa.com/product_ldf.html
- 2. Mixing**

Mix dry to achieve a uniform colour in a pan mixer or roller pan mill, slowly add clean water until the correct moisture is achieved (semi dry) just sufficient to allow mix to bind when squeezed in hand. Free fall mixers can cause balling.
- 3. Substrate**

Fine lime concrete finish should be laid on a freshly compacted and keyed sub base of 2” (50mm) thick lime concrete made as per exposed aggregate concrete.
- 4. Laying**

The concrete is placed in a single consistent layer of 3/8” to 1” (10 to 25mm). It should be well rammed either by hand or with a vibrating screed to the desired level. Lay green on green.
- 5. Finishing**

Tighten in the surface with a cross-grained wood float to a level plane, polish after initial set with a steel float if desired. Lining out or ruling after 12 hours. A test panel should always be done before attempting large areas.
- 6. Curing**

Very light mist with clean water in drying conditions for 72 hours. Protect from extreme heat, freezing, excessive wind, strong direct sunlight and rain. Ambient temperature range should be 40°F to 85°F with low to average humidity.
- 7. Protection**

Foot traffic should be avoided for 7 - 10 days depending on the weather. Cover with protective walkways 12 hours after placing. These should remain in place for at least 2-3 weeks or longer if possible.

