

## **Natural Lime Concrete for Fine / Ruled Finish Floors**

### **Ingredients**

400 KGs NHL 5 per cubic metre of aggregates consisting of 1 Part sharp sand: 2 Parts fine sharp sand.

### **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.

### **Laying**

The concrete is placed in a single consistent layer of 10 to 25mm. It should be well rammed either by hand or with a vibrating screed to the desired level. Lay green on green.

### **Finishing**

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

### **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 5°C-30°C with low to average humidity

### **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.

**For further Guidance, contact your St Astier Distributor.**

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