

## **Le Décor LimeStone ® LD**

### **Presentation:**

LeDecor Limestone is a unique limestone mortar, which can be used each time a limestone finish is desired.

### **Uses:**

LeDecor Limestone can be applied by machine or by hand in 3/8" to 2" thicknesses. Thicknesses beyond 2" require a cast (HP formulation). It can be applied on a variety of substrates such as concrete, masonry or metal lath/scratch coat.

### **Color:**

Natural limestone is the base color. An infinite range of colors is also available.

### **Packaging:**

**LeDecor Limestone ® (LD)**

**LeDécor Limestone ® HP (High Performance)**

LD 100: 46 lbs (21kg) Hydraulic Binder

LD 100 HP: 46 lbs (21kg) Hydraulic Binder High Performance

LD1: 55 lbs (25kg) Mineral Charge.

### **Mixing:**

**LeDecor Limestone ®**

Up to 2": 1 bag of LD 100 + 2 bags of LD 1 = 156 lbs. (71 kg)

**LeDecor Limestone ® hp**

Over 2": 1 bag of LD 100 HP + 2 bags of LD1 = 156 lbs. (71kg)

### **Coverage:**

Depending upon the condition of substrate approximate coverage is 4 lbs to 5 lbs per square foot per 3/8" thickness.

**Properties:**

**A: LeDecor Limestone**

	<b><u>Metric (SI)</u></b>	<b><u>US</u></b>
<b>Granulometry (MC)</b>	<b>0 to 3 mm (99%)</b>	<b>0 to 1/8 (99%)</b>
<b>Humidity</b>	<b>5 to 8%</b>	<b>5 to 8%</b>
<b>Mass Density</b>	<b>1,700 kg/m<sup>3</sup></b>	<b>106 lbs/ft<sup>3</sup></b>
<b>Tensile Strength</b>	<b>8.7 bars (clim) to 16 bars (ext)</b>	<b>126 psi (clim) to 232 psi (ext)</b>
<b>Compressive Strength</b>	<b>26.9 ars (clim) to 41.8 bars (ext)</b>	<b>390 psi (clim) to 606 psi (ext)</b>
<b>Module of elasticity</b>	<b>4,920 Mpa</b>	<b>713,600 psi</b>
<b>Variation of dimension (Shrinkage) 28 days</b>	<b>0.058%</b>	<b>0.058%</b>
<b>Bonding strength (tensile)</b>	<b>0.45 Mpa</b>	<b>65 psi</b>
<b>Capillarity (28 days)</b>	<b>9.8 g/dm<sup>2</sup>. min 1/2</b>	
<b>Water retention (at mixing)</b>	<b>80 to 90%</b>	<b>80 to 90%</b>

**B. LeDecor Limestone HP**

	<b><u>Metric (SI)</u></b>	<b><u>US</u></b>
<b>Granulometry (MC)</b>	<b>0 to 3 mm (99%)</b>	<b>0 to 1/8" (99%)</b>
<b>Humidity</b>	<b>5 to 8%</b>	<b>5 to 8%</b>
<b>Mass Density</b>	<b>1,600 kg/m<sup>3</sup> to 2000 kg/m.3</b>	<b>100 to 125 lbs/ ft<sup>3</sup></b>
<b>Tensile Strength</b>	<b>1.5 Mpa to 2.7 Mpa</b>	<b>725,000 to 1,450,000 psi</b>
<b>Module of elasticity</b>	<b>5,000 to 10,000 Mpa</b>	<b>725,000 to 1,450,000 psi</b>
<b>Capillarity</b>	<b>5 to 12 g/dm<sup>2</sup> – min 1/2</b>	
<b>Water retention (at mixing)</b>	<b>80 to 90%</b>	<b>80 to 90%</b>

**Storage:**

Store off-ground and protect from frost, heat, rain and moisture.

**Application:**

- Apply to work prepared as for Portland cement plaster.
- Apply a rough projection of base coat (scratch coat)
- Wait one week before applying finish coat.
- Saturate substrate to a maximum, one day before applying finish coat.
- Humidity substrate before final application
- Carving, cutting, etc., may be started 24 to 48 hours after application of finish coat.

**Note: All work shall comply with local codes and regulations. No liability Can be accepted in relation with the variety of applications and working conditions.**