

## L2 STANDARD

### Non-Shrink Grout

**L2 Standard** is a specially formulated pre-mixed cementitious grout powder. It is a blend of selected cements, graded silica sand and compatible admixtures, which when mixed with water produces a high strength grout with good flow properties and slight expansion.

## USES

For precision high performance grouting underneath machine bases, structural steelwork, mobile racking rails, crane rails etc. For grouting pre-cast concrete units, and dry-pack grouting. **L2 Standard** is also used in mortar consistency for concrete repairs.

## SPECIAL PROPERTIES

- High strength
- Non-shrink
- Durable
- Quality assured factory blend
- Chloride free

## METHOD OF USE

Reference should be made to the current Instructions For Use. Apply the grout to sound, clean and dust free surfaces. Concrete should be roughened to provide a good key. Shutters should be of adequate strength, securely anchored and sealed to prevent leakage. Care should be taken to ensure that the shutters provide sufficient head. Concrete substrate surfaces should be soaked continuously with water for six hours before applying the grout. Surplus water in anchor pockets should be removed.

Water Addition Rate per 25 kg bag	
Mortar Consistency	3.00 litres
Plastic Consistency	4.00 litres
Pourable Consistency	4.50 litres
Flowable Consistency	5.25 litres

Measure the appropriate amount of water (see table above) into the mixer. Slowly add the complete bag of **L2 Standard** powder. When mixing more than one bag together in a mix add the water before each bag. Mix continuously for 3 minutes to a smooth consistency. Mixing is best achieved using an approved mechanically powered mixer or an Armorex Mixing Paddle clamped into a slow speed drill. Do not exceed the maximum water content given in the table above. Pour the mixed grout one side only to avoid trapping air and water. To cure properly, spray **Proseal** curing agent on to the exposed surfaces of **L2**

**Standard**. Later, when the shutters are removed, moisten the exposed surfaces and spray with **Proseal**.

Below 5°C or above 25°C reference should be made to Armorex Technical Note No.1 (Grouting in Cold Weather) or No.2 (Grouting in Hot Weather).

## TECHNICAL DATA

**Depth:** Minimum section thickness 10 mm.  
Maximum section thickness 100 mm.  
Where the section thickness is greater than 100 mm refer to the technical data sheets for Armocrete.

Average Compressive Strength in N/mm <sup>2</sup> tested to BS 1881:Part 116:1983.						
Consistency	Age (days)					
	1	3	7	14	28	56
Mortar	41	52	58	64	68	70
Flowable	23	35	41	51	63	65

**Flow:** Tested to BS 4551:1980:Part 12  
310-335mm at Flowable Consistency

**Flowable Life:** At 20°C, Flowable Consistency, 100 mins.  
140 mins if continuously agitated

**Wet Density:** 2120 kg/m<sup>3</sup> at Flowable consistency.

**Yield:** 25 kg of grout powder yields 14 litres of Flowable grout. 1785 kg yields 1m<sup>3</sup> of Flowable grout.

**Packaging:** L2 Standard is supplied in 25 kg bags.

**Shelf Life:** 12 months when stored in dry conditions in original unopened containers.

**Safety:** L2 Standard contains cement and thus is alkaline in contact with water. Prolonged exposure to the skin should be avoided.

## SPECIFICATION CLAUSE

“Grouting shall be carried out using Armorex L2 Standard in accordance with the manufacturers current technical data sheet and Instructions For Use. The grout shall be non-shrink material with a compressive strength of at least 63 N/mm<sup>2</sup> after 28 days. Material requiring site batching shall not be approved. The supplier shall be a Registered Firm to BS 5750: Part 1: 1987”