

**CURING EFFICIENCY
OF
LINDOLIT W**

Report for ab lindec

Ref.ABL/W/CC/081015

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1.0 INTRODUCTION

This investigation has been performed in response to a request made by ab lindec, indicating a need for information regarding the curing efficiency of their Lindolit W curing compound, in accordance to BS 7542: 1992.

2.0 EXPERIMENTAL PROGRAMME

2.1 Specimen Preparation

For this programme four specimens were cast: three for the curing compound and one as control. These samples were cast in accordance with BS 7542:1992.

The cement used complied with BS 12. The sand used was oven dry natural silica which complied with the requirements of BS 7542:1992. The proportion of sand to cement was 3 to 1, with 0.44 parts by mass of water. The samples were compacted using a vibrating table.

Lindolit W curing compound was dilute 1:1 with water, and applied to the surface of the specimens at rate of 0.10 litre/ m², using a spray gun.

2.2 Experimental Procedure

The experimental procedure used was in accordance with BS 7542: 1992.

The specimens were placed in an environmental room at a temperature of 38 ± 1°C, and at a relative humidity of 35 ± 5% for the required 72 hours.

3.0 RESULTS

The individual value of curing efficiency index was calculated in accordance with BS 7542:1992. The results are provided in Table 1.

The mean curing efficiency index at 72 hours for Lindolit W curing compound was found to be 83%.

<p>For and on behalf of Aston Services</p> <p>Signed <i>M. Sadegzadeh</i> Date <i>8/10/2015</i></p> <p>Dr.M.Sadegzadeh, BSc MBA PhD CEng MICE</p>	<p>Genuine Reports Are Embossed Here</p>
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Type Compound	Application Rate litre/ m ²	Curing Efficiency Index E (%)			
		Test Number			Mean
		1	2	3	
Lindolit W	0.10	83	81	84	83

TABLE 1: Curing efficiency index results