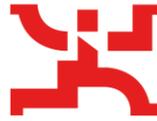


BOQ

ITEM NO	DESCRIPTION OF THE ITEMS	UNIT
1.1	Epoxy Self Levelling Topping at 2.0 mm - Nitoflor SL2000	sqm
a.	<p>Surface Preparation: It is essential that Nitoflor SL2000 is applied to sound, clean and dry surfaces in order that maximum bond strength is achieved between the substrate and the flooring system. All dust and debris should be removed prior to application of the product or its primer.</p> <p>New concrete floors: New concrete, or cementitious substrates, should be at least 28 days old and have a moisture content not exceeding 5%. Laitance deposits on new concrete are best removed by light grit blasting, mechanical scrubbing or grinding.</p> <p>Old concrete floors: Existing concrete floors which require refurbishment must be prepared to ensure a strong adhesive bond between the flooring system and the existing floor. Mechanical cleaning methods are strongly recommended particularly where heavy contamination by oil and grease has occurred or existing coatings are present. To ensure adhesion, all contamination should be removed. Alternatively, blasting techniques can be used to provide the required substrate.</p>	
b.	<p>Priming: All surfaces treated with Nitoflor SL2000 should be primed with Nitoprime 25, a solvent based epoxy resin primer designed for maximum absorption and adhesion to concrete substrates. Add the entire contents of the hardener tin to the base tin and mix the two primer components thoroughly for at least 2 minutes - under no circumstances should part mixing be considered. Once mixed, the primer should be applied immediately to the prepared substrate using stiff brushes or rollers. The primer should be well 'scrubbed' into the substrate to ensure full coverage, but care should be taken to avoid over application or 'ponding'. Allow the primer to dry (see table below) before proceeding to the next stage, do not proceed whilst the primer is 'tacky' as this will lead to unsightly marks in the finished surface. Porous substrates may require a second primer coat - when the first coat is directly absorbed into the substrate - but minimum over coating times must still be observed (see table below). The minimum over coating times will vary slightly according to the porosity of the substrate. However, they should be in accordance with the following ambient application temperatures.</p>	
c.	<p>Epoxy Topping: Providing mixing and laying to the designated floor areas shall be surfaced with Nitoflor SL2000, a 2 mm thick flow-applied epoxy resin floor topping. Nitoflor SL2000 consists of graded aggregates bound in a pigmented epoxy resin binder. It is supplied as a four component system, pre-weighed for on-site mixing. When laid, it provides a smooth, light-reflective surface. It is available in a range of standard colours. The topping shall achieve a minimum compressive strength of 40 N/mm² and a flexural strength of 25 N/mm² at 7 days when tested to BS6319. Slip resistance : 91.3 & 135.6 (As per TRRL skid test in accordance with BS 6677 : Part 1:1986, Shore D Hardness as per (ASTM D 2240) : 80 .Abrasion resistance : 0.1mg/cycle-loss of weight (ASTM D 4060) (with CS 17 wheel of 1000g weight) . Adhesion Strength @ 7 days (ASTM D412) : > 1.0N/mm². it shall be capable of accepting foot traffic at 24 hours and vehicular traffic at 48 hours. Cost Inclusive of Supply, apply,</p>	



	equipment's. Exclusive of GST as applicable, Client shall provide storage, power, water, etc. Flooring work shall be executed by Fosroc Authorised Applicator.	
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