



# Zahabiya

## Floor Repair Kit

### Thin Layer Resurfacing Mortar

**Zahabiya Floor Repair Kit** is a two component, resin reinforced cementitious based repair & resurfacing mortar, ideal for repairing of worn out & damaged cemented floors. The product has been designed to be applied in varied thicknesses to give exceptional bond strength on the damaged floor which is being repaired, permitting early commissioning of floor, thus saving valuable time especially in industry. The floors repaired by Zahabiya Floor Repair Kit exhibits high abrasion resistance, good leveling, good water resistance, good dilute acids/ alkali resistance etc. The product comes in two grades: **CS and FQ Grade**. FQ Grade is a very fine, non-sanded grade, designed especially for repairing at very thin thicknesses (from 0.5 mm to 5mm thickness). The product upon proper curing/ hydration gives a very smooth surface with very high abrasion resistance, making it ideal for sealing thin concrete cracks, tile grouts etc. quickly. The CS Grade gives slightly rough finish but can be used at varied thicknesses from 1 mm to 25 mm thick.

Both grades can be pigmented to any desired colour by incorporation of good quality pigments meant for cement based systems in the dry component of the kit to get the coloured floor (thin bed) screed. However, it is highly advisable to thoroughly check first, the compatibility of such pigments with the kit.

	Component A (Binder)	Component B (Dry Powder Mix)	
		CS Grade	FQ Grade
<b>Colour:</b>	Milky White	Gray	Light Gray
<b>Odour:</b>	Slight resinous	No peculiar smell in dry component	
<b>Bulk Density:</b>	1.01g/cm <sup>3</sup>	2.13 g/cm <sup>3</sup>	1.50 g/cm <sup>3</sup>
<b>Mortar Density (Wet)</b>		2.21 g/cm <sup>3</sup>	2.31 g/cm <sup>3</sup>
<b>(Dry)</b>		2.15 g/cm <sup>3</sup>	2.24 g/cm <sup>3</sup>
<b>Packing:</b>	The product normally comes in 25 kg packs containing 20kg dry component bags and 5 kg binder component cans.		
<b>Coverage:</b>	A 25kg Pack covers around 18 to 20 feet squared at thickness of 5mm on average.		
<b>Handling:</b>	The product is non-flammable. No specific handling precautions are necessary other than normal industrial protection procedures such as personal protection equipment (PPEs) etc. However, it is advisable to handle the dry component in a well ventilated place due to its fine powder constituents.		
<b>Storage:</b>	Store in a dry and well-ventilated place, away from direct sunlight between 25 and 30°C. Use within 6 months from the date of manufacture. Once open, keep air-tight and use with 15 days.		



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### Application Method:

1. The binder component is carefully gauged to provide for the primer application as well as mixing with the dry component to make the repairing mortar.
2. Carefully clean the surface which is to be repaired by wire brush to remove all the loose particles. Preferably wash the surface with plenty of water to remove all the traces of dust, oil or any loose particles which can affect the bonding of the repair mortar with the substrate. Allow the surface to dry thoroughly.
3. Apply the binder component thoroughly on the surface to be repaired as a primer.
4. After the milky colour of the coating has vanished, mix the remaining amount of binder with the powder component provided with the pack at the rate of approximately 1.1kg of binder per 5kg of dry component. The two components should be preferably mixed with a mechanical stirrer designed for the said purpose for around 5-10min. If mixed manually, mix it thoroughly and let the mixture to stand for around 15 minutes so the incorporated resins can be thoroughly dispersed throughout the mixture and optimum performance of the repair mortar can be achieved.
5. The mixed repair mortar may then be applied on the primed damaged floor surfaces. While application and handling, this mortar may be treated like any cementitious based mortar. It is therefore advisable that the application of the same may be carried out by any experienced/ skilled mason so as best surface finish and leveling may be achieved.
6. Hydrations/ curing for 2-3 days after application are advisable to get better abrasion resistance and compressive strength.
7. For acid/alkali & solvent resistance, dust-free and anti-skid properties etc., coating of acrylic based, water borne floor coating **Zahabiya Chemecoat AR-21 (Pigmented) or AR-21T (Clear)** is advisable. Please refer its TDS for further detail.

**IMPORTANT NOTICE:**

*The Information & Data contained herein are correct to the best of our knowledge, tests and experience. These are presented in good faith to the users. The recommendations and suggestions mentioned are made without guarantees or representations as to the results. The Consumer should satisfy himself as to the suitability of the product for the intended purpose and use. WE ASSUME; NO LIABILITY for damages of any kind and the user accepts the product 'as is' and without any other warranties, expressed or implied. Our warranty is limited to the replacement of so proved defective Zahabiya original product only, provided used within shelf life as supplied originally.*