Westbuild
INNOVATIVE BUILDING PRODUCTS

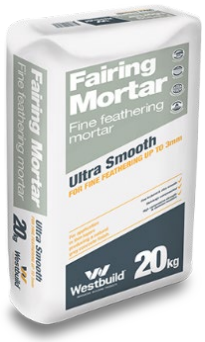
Flooring Specification

Smoothing and Filling Concrete Imperfections, Prior to Floor Covering

Scope

Concrete that is poured and formed may contain small surface defects. Unless rectified, these defects can affect subsequent coatings and floor coverings, leaving impressions and/or promoting premature wear and tear. Use Westbuild Fairing Mortar to rectify concrete defects when:

- a concrete texture and finish is required <3mm thick.
- a fast drying and trafficable finish is needed



Product

Fairing Mortar is a polymer-modified, fine-feathering mortar that can be applied in thin layers to produce a natural concrete grey appearance. It can be applied to both concrete and masonry surfaces.

Fairing Mortar is based on hydraulic binders, high grade quartz sand and synthetic polymers. It is shrinkage compensated and will adhere well to most cementitious or masonry surfaces, provided the surface is clean and film-free and has some porosity for bond to develop.

Preparation

Before applying Fairing Mortar, surfaces should be clean, sound, free of dust and loose particles. Cement laitance, oil, grease, mould, release oil or curing compounds must be removed from concrete or masonry surfaces by using a wire brush, bush hammer, scabbler, grit blaster or other means. During application, the temperature of the substrate should not be below 5°C. To avoid high surface temperatures, it is advised to shade area during the period of application. Where high impact or repetitious loading is applied, Westbuild PRO™ General Purpose Primer should be applied and allowed to reach a tacky state prior application.

Mixing & Application

When mixing complete bags add between 5.8 to 6.2 litres of drinking quality water into the mixing vessel and, with the mixer in operation, add one full 20kg bag of Fairing Mortar and mix for 3 to 5 minutes until fully homogeneous, uniform and lump free. Small quantities (up to 2kg) can be mixed by hand using a suitable mixing drum or bucket.

Apply the mixed Fairing Mortar to the prepared substrate by steel trowel from a feather-edge up to 3mm thickness. It should be applied with the minimum of working and be allowed to partly set before finally troweling to finish. If a very smooth finish is required, a steel trowel should be used.

When substrate or air temperature is below 5°C or above 35°C refer to the technical data sheet for further instruction.

Westbuild Fairing Mortar – Mechanical & Physical Properties

Typical Compressive Strength	28 Days Old	>25 MPa
Typical Flexural Strength	28 Days Old	>7 MPa
Typical Bond Strength	28 Days Old	>2 MPa

Typical Working Times		**Typical Setting Times**	
10°C	60 min	Initial Set 20°C	45 min
20°C	30 min	Initial Set 30°C	30 min
		Final Set 20°C	60 min
		Final Set 30°C	40 min

Technical Specification