Westbuild
INNOVATIVE BUILDING PRODUCTS

Tiling Specification

Improve tensile strength to install low absorption (dense) tiles with cement based adhesive.

Scope

Given the wide variety of tile adhesives available, it is important to choose the correct adhesive for your particular project. To install tiles and stone of low porosity, an adhesive with increased tensile strength will ensure correct and long lasting placement of the tile. Adding Westbuild PRO™ Flexible Additive Fortifier & Primer to a traditional cement-based adhesive (such as WESTBUILD Ultragrip™ or WESTBUILD Extrabond™ Off White) will increase the tensile strength of the adhesive, creating results that rival more feature driven adhesives. Use Westbuild PRO™ Flexible Additive Fortifier & Primer to:

- Increase overall tensile strength of adhesive
- Allow use of more economical adhesive

Product

Westbuild PRO™ Flexible Additive Fortifier & Primer

Westbuild PRO™ Flexible Additive Fortifier & Primer is a unique, multi-purpose liquid compatible with general cement-based tile adhesives, mortars, renders and screeds. It can also be used with neat cement as a bonding agent to assist in adhesion of cement screeds and mortars to the subfloor.

Westbuild PRO™ Flexible Additive Fortifier & Primer will greatly improve the technical properties and performance of cement-based systems and is suitable for areas subject to water, harsh climatic conditions and fully immersed areas. It will increase tensile and compressive strength, promote improved adhesion to the subfloor whilst improving workability and water resistance.

Preparation

All surfaces should be prepared as per normal procedures including: repairing any defects, levelling and screeding. A ‘gauging water’ should be prepared for addition to the adhesive. For optimal results and use clean, potable water in a 2:1 mix – i.e. mix 2 parts water to 1 part Flexible Additive Fortifier & Primer.

Mixing & Application

Ensure correct dilution is used, mix thoroughly and consistently with the adhesive ensuring the mix is combined until lump free and homogenous. If mix starts to dry out DO NOT add any more water, discard and a fresh product mixed.

Recommended dilution to increase adhesion and performance in cement based tile adhesives (e.g. WESTBUILD Ultragrip™ or WESTBUILD Extrabond™ Off White):	
For critical areas, totally immersed areas (i.e. pools / ponds) or high strength adhesion.	Use neat as a total replacement to water
Requiring greater adhesion, or to impart flexibility to accommodate normal building movement.	1 part additive: 1 part water
To gain water resistant properties.	1 part additive: 2-3 part water

Technical Specification

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Mechanical and Physical Properties

Westbuild PRO™ Flexible Additive Fortifier & Primer		
Form – Liquid	Colour	Milky White
	Specific Gravity	1kg/litre
Dilution Rates	Minimum	**Neat**, without dilution.
	Maximum	**1:6** (1 Part Flexible Additive Fortifier & Primer *to* 6 Parts Water)
Typical Reduction Drying Time	**Mix ratio 1:2** (1 Part Flexible Additive Fortifier & Primer *to* 2 Parts Water)	15-25% (site dependent)
Typical Increase in Strength	**Mix ratio 1:1** (1 Part Flexible Additive Fortifier & Primer *to* 2 Parts Water)	10-50% (mix dependent)

The above information is a general specification only and does not make provision for specific site and project requirements. Please consult with the Technical Data Sheet or directly with Westbuild for a unique and tailored specification for your project.