Westbuild
INNOVATIVE BUILDING PRODUCTS

Tiling Specification

Tiling Over Building Boards

Scope

While structural building sheet materials offer efficiencies and versatility in many projects, they are prone to deformation caused by structural and thermal movement. For this reason, the surface of building boards must be treated differently to more sound surfaces such as concrete, brick, cementitious toppings and screeds. When tiling over building boards, the chosen tile adhesives must allow for this movement to prevent debonding of tile finishes. Use the following products when tiling over building boards, including:

- Structural Ply, Cement Fibre Board and Gyprock
- Floor and wall applications

Products

Wet Areas	Dry Areas
Westbuild Mastic is a white, premium grade, highly workable tile adhesive. With microfibre technology Westbuild Mastic has exceptional workability and extended open time. Mastic is classified and C1S1TE when tested to AS4992 by an independent body.	EXTRABOND Flexible is an economical, water resistant, one-part tile adhesive suitable for most types of tiles. It is cement-based and rubber-modified and has the flexibility to suit most substrates where slight movement is anticipated.

Admixture
Westbuild PRO™ Flexible Additive Fortifier & Primer is a unique, multi-purpose liquid compatible with general cement based tile adhesives, mortars, renders and screeds. It greatly improves the technical properties and performance of cement-based systems and is suitable for areas subject to water, harsh climatic conditions and fully immersed areas.

Preparation

Building Boards must be firmly fixed and installed in accordance with manufacturer's specification and applicable Australian Standards. All surfaces should have correct falls installed prior to tiling and left clean dry and dust free.

Mixing and Application

Movement joints should be provided as per the current Australian standards as at the time of tile installation. Movement joints should go right through the tile adhesive bed to the background and be kept free from dirt and excess adhesive.

For detailed mixing and application instructions, refer to Technical Data Sheets for individual products.

Technical Specification

Technical Specification

Westbuild Mastic – Mechanical and Physical Properties

Classification	AS4992	C2S1TE
Appearance	Form	Powder
	Colour	White

Physical Properties	
Water Ratio	20kg to 4.8L
Coverage (smooth, flat surface)	7m^2 per bag (10mm notched trowel)
Adjustability Time	20 mins
Pot Life	1.5 hours
Open Time	30 mins
Set Time	24 hours

Westbuild EXTRABOND Flexible – Mechanical and Physical Properties

Classification	AS4992	C2S1TE
Appearance	Form	Powder
	Colour	Light Cream
	Bulk Density	1235kg/m^3

Physical Properties	
Water Ratio	20kg to 5.6L
Coverage (smooth, flat surface)	12m^2 per bag (10mm notched trowel)
Adjustability Time	30 mins
Pot Life	2 hours
Open Time	< 20 mins
Set Time	4-8 hours

Westbuild PRO™ Flexible Additive Fortifier & Primer – Mechanical and Physical Properties

Appearance	Form	Liquid
	Colour	White (Dries Clear)

Mix Ratio
For critical areas, immersed areas, or high strength adhesion: Use neat as a total replacement to water
Bonding agent to improve adhesion of screeds: 1 part additive: 0.5 parts cement
For tiling adhesives requiring greater adhesion, impart flexibility: 1 part additive: 1 part water
To increase durability and strength in screeds: 1 part additive: 1.5 parts water
To gain water resistant properties in mortars/screeds: 1 part additive: 2 parts water
For priming and surface consolidation: 1 part additive: 4 parts water

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.