

Tiling Specification

Tiling Over Existing Floor Tiles

Scope

Removal of tiles prior to re-tiling cannot always be accomplished due to location or budget constraints. Where floor falls and adjacent finishes allow, simply tiling over the existing surface can be achieved with maximum adhesion and performance. Westbuild Flexbond High Performance suits this purpose and does not require mechanical scoring or grinding of the original tiled surface, saving unwanted mess and cost to a project. Use Westbuild Flexbond High Performance for:

- Direct tiling over an existing floor, without mechanical abrasion
- Direct tiling over other floor finishes

Products

Flexbond High Performance Tile Adhesive - AS4992.2 Classification C2S1TE



Westbuild Flexbond, High Performance tile adhesive is a white, C2S1TE high performance cement-based tile adhesive. It has a high polymer loading and is suitable for most types of tiles over a large range of substrates, including existing tiles.

Flexbond High Performance is suitable where heavy pedestrian traffic is likely and designed to absorb movement associated with early age concrete, vibrations and concrete shrinkage.

Recommended Primer: Westbuild PRO™ Multi Surface Prime & Prep is a one coat system designed to instantly prepare and improve adhesion of Westbuild tiling systems, waterproofing membranes, renders and levelling mortars to all difficult to adhere, non-porous surfaces. It can be used directly over glazed tiles, plastic, galvanized iron, zincalume and most metal surfaces to instantly prepare the surface ready to accept new coverings without etching or surface grinding.



Preparation

Prior to any preparations, all tiles should be inspected and must be sound. The quality of the final installation is dependent on satisfactory preparation of and adhesion to the preceding surface.

Westbuild Flexbond does not require mechanical scoring or grinding of the original tiled surface saving unwanted mess and cost to a project.

- Existing Tiles:** Ceramic tiles should be sound with the surface cleaned then rinsed with water. Ensure the original surface to be tiled over is free from any dust, oil, grease or any surface contaminants.
- Vinyl:** Vinyl must be firmly adhered and free from oil, dust, and all contaminating materials. It should be cleaned thoroughly then rinsed with water before application.
- Painted Surfaces:** All loose and flaking paint must be removed and water based paints should be removed thoroughly (do not use paint strippers). Painted surfaces should be scabbled or abraded until 80% of the original substrate is exposed.



Mixing and Application

Primer – Westbuild PRO™ Multi Surface Prime & Prep

Stir contents well before use. Do not dilute as Westbuild PRO™ Multi Surface Prime and Prep is ready to use. The product may be applied by brush or roller (universal, medium nap cover). Once applied, allow Westbuild PRO™ Multi Surface Prime and Prep to dry and proceed to apply Westbuild Flexbond within 48 hours. Clean up with water.

Tile Adhesive – Westbuild Flexbond High Performance

Ensure the back of the tile is free from dust. Use a 10 x 10 x 10mm notched trowel for floors and an 8 x 8 x 8mm notched trowel for walls. (A 10 x 10 x 10mm trowel is recommended for larger wall tiles.) Do not spread more than 1 metre of adhesive at a time to ensure the adhesive does not skin prior to bedding the tiles. Press and slide the tile at right angles ensuring the tiles are well bedded and there are no voids under the tiles. Make sure the newly tiled surface is not disturbed for a minimum of 8 hours.

Mechanical and Physical Properties

Westbuild Flexbond High Performance – Classification AS4992

Classification	AS4992	C2S1E	Physical Properties	
Appearance	Form	Powder	Water Ratio	20kg to 4.8-5L Potable Water
	Colour	White	Coverage (smooth, flat surface)	6.5m ² per bag (10mm notched trowel) 8.0m ² per bag (6mm notched trowel)
	Density	1500kg/m ³	Adjustability Time	30 mins
			Pot Life	2 hours
			Set Time	30 mins

Westbuild PRO™ Multi Surface Prime & Prep

Appearance	Form	Textured Paint	Physical Properties	
	Colour	Orange	Drying Time	Tack-free within 15 mins
			Overcoat (25°C)	1 hour
			Number of Coats	1

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.