

Technical Data Sheet

PSL Villastop

Description:

VILLASTOP has been specifically designed for stopping and finishing proprietary fibre-cement wet area lining board and soffit liner. VILLASTOP provides a strong water resistant reinforced jointing system that can be tiled over, or sanded to provide the basis for a smooth paint finish.

Typical Use:

Used to finish proprietary fibre cement lining boards

Expectation:

Villastop will cure to form a strong crack resistant background which will accept a textured or painted finish.

Limitations:

Do not apply less than 2mm per coat. Must be used in conjunction with 150gsm Alkali resistant fibreglass mesh. Requires over-coating with finishing textures.

Technical Data:

Mix ratio: see Application
Coverage: see below
Substrates: fibre cement linings
Abrasive strength: Excellent
Vapour Permeability: No vapour barrier formed.

Three lineal metres of joint per kilogram of VILLASTOP which equates to approximately three square metres of sheet area per kilogram. One 15kg bag of VILLASTOP joints approximately 45m² of Proprietary fibre-cement wet area lining. One 4kg pack of VILLASTOP joints approximately 12m² of proprietary fibre cement wet area lining. One 150m roll of paper reinforcement tape joints approximately 150m² of Proprietary fibre-cement wet area lining.

Surface Preparation:

Ensure the proprietary fibre-cement wet area lining sheets have been fixed correctly in accordance with the manufacturers current instructions. All sheet edges and joints must be supported and fixed to background framing. Timber framing should be less than 24% moisture content before Proprietary fibre-cement wet area lining sheets are fixed. All of the fibre-cement sheets must be dry before the application of the reinforced VILLASTOP jointing system

Application:

One 15kg bag of VILLASTOP will joint approximately 45m² of proprietary fibre-cement wet area lining. Therefore VILLASTOP is not generally mixed in whole bag lots but in smaller quantities. One kilogram of VILLASTOP needs to be mixed with approximately 375ml of clean drinking water. Use more or less water to adjust mix consistency. Don't mix more VILLASTOP than you can use in one hour. Put the water into a clean container and add while stirring with a powered whisk, the VILLASTOP powder. Allow the mix to stand for 10 minutes before use, and give it a quick restir before application. Do not reactivate the mix with water once it begins to set. Clean the whisk and the mixing container between mixes.

Cut the paper reinforcement tape to the length of the joint before you apply any VILLASTOP. Fill the bevelled joint with VILLASTOP. A 75mm broad knife or steel trowel is ideal. Lay the length of moistened* paper tape into the wet VILLASTOP and bed it just below flush with the broad knife or trowel. Remove any extra VILLASTOP outside the bevelled joint area. Allow this first application of VILLASTOP to dry completely.

* Wet the paper tape to improve adhesion prior to bedding into wet Villastop.

Now flush out the joint with a skim coat of VILLASTOP using a steel stopping trowel at least 250mm long. Slightly overfill the joint, rather than scraping the trowel edge hard down the joint face. When the finished VILLASTOP joints are dry, usually the next day, sand the joints with 180 grit sandpaper

Curing:

Villastop should be protected from hot drying winds and direct sunlight for the first 16 hours. Protect newly applied plaster from rain and water run off for the first 24 hours.

Clean up:

Wash equipment and spills as soon as possible with water.

Environmental and Safety

Ensure washing water does not enter waterways. Wet waste can be soaked into land or disposed of in trade waste. The powder is an irritant and paper dust masks are advised when handling. The wet compound is Alkaline and prolonged skin contact should be avoided. Wear rubber gloves, dust mask and safety glasses when handling product.

Material Safety Data Sheets are available on request.