

illbruck Compatibility Test Summary – Adhesives, Membranes and Tapes on Sheathing Boards

COMPATIBILITY TEST

Illbruck Compatibility Test Summary – Sheathing Boards

Shear and peel tests were completed under laboratory conditions using various illbruck adhesives, membranes and tapes applied to commonly used sheathing boards, both with and without the use of suitable illbruck primers.

The results are shown in the tables below:

As shown in the tables, the sheathing boards detailed in this report can be considered as compatible with the defined illbruck solutions. It is always recommended that the requirement for a primer is further considered based on project and site specific conditions.

Note always seek advice from Tremco CPG UK Ltd prior to applying any illbruck adhesive, membrane or tape over a cured silicone, siliconised product or a third party waterproofing.

A judgement on likely compatibility can be drawn based on the generic make-up of the boards already detailed, however if specific guidance on a particular board type is required and not detailed in this report please contact Tremco CPG UK Ltd.

Euroform – Versapanel A2

Generic board type: Cement bonded particle board

Membrane	Adhesive	Primer	Evaluation
ME010	SP025	No primer	Good bond achieved
ME010	SP025	AT140	Good bond achieved
ME501	SP525	No primer	Good bond achieved
ME501	SP525	AT140	Good, better with primer
ME501VV	Self-adhesive	No primer	Good bond achieved
ME501VV	Self-adhesive	ME901	Good bond achieved
ME501VV	Self-adhesive	AT140	Good bond achieved
ME315	Self-adhesive	No primer	Good bond achieved
ME315	Self-adhesive	ME901	Good bond achieved
ME315	Self-adhesive	AT140	Good bond achieved
ME220	OT015	No primer	Good bond achieved
ME220	OT015	CT113 & AW421	Good bond achieved
ME480	Self-adhesive	No primer	Good bond achieved
ME480	Self-adhesive	ME901	Good bond achieved

RCM – Y Wall

Generic board type: Calcium silicate board

Membrane	Adhesive	Primer	Evaluation
ME010	SP025	No primer	Good bond achieved
ME010	SP025	AT140	Good bond achieved
ME501	SP525	No primer	Good bond achieved
ME501	SP525	AT140	Good bond achieved
ME501VV	Self-adhesive	No primer	Good bond achieved
ME501VV	Self-adhesive	ME901	Good bond achieved
ME501VV	Self-adhesive	AT140	Good bond achieved
ME315	Self-adhesive	No primer	Good bond achieved
ME315	Self-adhesive	ME901	Good bond achieved
ME315	Self-adhesive	AT140	Good bond achieved
ME220	OT015	No primer	Good bond achieved
ME220	OT015	CT113 & AW421	Good bond achieved
ME480	Self-adhesive	No primer	Good bond achieved
ME480	Self-adhesive	ME901	Good bond achieved

Knauf – Windliner

Generic board type: Gypsum board – paper faced

Membrane	Adhesive	Primer	Evaluation
ME010	SP025	No primer	Good bond achieved
ME010	SP025	AT140	Good bond achieved
ME501	SP525	No primer	Good bond achieved
ME501	SP525	AT140	Good bond achieved
ME501VV	Self-adhesive	No primer	Good bond achieved
ME501VV	Self-adhesive	ME901	Good bond achieved
ME501VV	Self-adhesive	AT140	Good bond achieved
ME315	Self-adhesive	No primer	Good bond achieved
ME315	Self-adhesive	ME901	Good bond achieved
ME315	Self-adhesive	AT140	Good bond achieved
ME220	OT015	No primer	Good bond achieved
ME220	OT015	CT113 & AW421	Good bond achieved
ME480	Self-adhesive	No primer	Good bond achieved
ME480	Self-adhesive	ME901	Good bond achieved

Klasse – G-board

Generic board type: Gypsum board

Membrane	Adhesive	Primer	Evaluation
ME010	SP025	No primer	Good bond achieved
ME010	SP025	AT140	Good bond achieved
ME501	SP525	No primer	Good bond achieved
ME501	SP525	AT140	Good bond achieved
ME501VV	Self-adhesive	No primer	Good bond achieved
ME501VV	Self-adhesive	ME901	Good bond achieved
ME501VV	Self-adhesive	AT140	Good bond achieved
ME315	Self-adhesive	No primer	Good bond achieved
ME315	Self-adhesive	ME901	Good bond achieved
ME315	Self-adhesive	AT140	Good bond achieved
ME220	OT015	No primer	Good bond achieved
ME220	OT015	CT113 & AW421	Good bond achieved
ME480	Self-adhesive	No primer	Good bond achieved
ME480	Self-adhesive	ME901	Good bond achieved

Siniat – Weather Defence

Generic board type: Gypsum board

Membrane	Adhesive	Primer	Evaluation
ME010	SP025	No primer	Good bond achieved
ME010	SP025	AT140	Good bond achieved
ME501	SP525	No primer	Good bond achieved
ME501	SP525	AT140	Good bond achieved
ME501VV	Self-adhesive	No primer	Good bond achieved
ME501VV	Self-adhesive	ME901	Good bond achieved
ME501VV	Self-adhesive	AT140	Good bond achieved
ME315	Self-adhesive	No primer	Good bond achieved
ME315	Self-adhesive	ME901	Good bond achieved
ME315	Self-adhesive	AT140	Good bond achieved
ME220	OT015	No primer	Good bond achieved
ME220	OT015	CT113 & AW421	Good bond achieved
ME480	Self-adhesive	No primer	Good bond achieved
ME480	Self-adhesive	ME901	Good bond achieved

Resistant Building Products – Multi-Pro XS

Generic board type: Magnesium oxide board

Membrane	Adhesive	Primer	Evaluation
ME010	SP025	No primer	Good bond achieved
ME010	SP025	AT140	Good, better with primer
ME501	SP525	No primer	Good bond achieved
ME501	SP525	AT140	Good, better with primer
ME501VV	Self-adhesive	No primer	Good bond achieved
ME501VV	Self-adhesive	ME901	Good bond achieved
ME501VV	Self-adhesive	AT140	Good bond achieved
ME315	Self-adhesive	No primer	Good bond achieved
ME315	Self-adhesive	ME901	Good bond achieved
ME315	Self-adhesive	AT140	Good bond achieved
ME220	OT015	No primer	Good bond achieved
ME220	OT015	CT113 & AW421	Good bond achieved
ME480	Self-adhesive	No primer	Good bond achieved
ME480	Self-adhesive	ME901	Good bond achieved

British Gypsum – Glasroc X

Generic board type: Gypsum reinforced board

Membrane	Adhesive	Primer	Evaluation
ME010	SP025	No primer	Good bond achieved
ME010	SP025	AT140	Good bond achieved
ME501	SP525	No primer	Good bond achieved
ME501	SP525	AT140	Good bond achieved
ME501VV	Self-adhesive	No primer	Good bond achieved
ME501VV	Self-adhesive	ME901	Good bond achieved
ME501VV	Self-adhesive	AT140	Good bond achieved
ME315	Self-adhesive	No primer	Good bond achieved
ME315	Self-adhesive	ME901	Good bond achieved
ME315	Self-adhesive	AT140	Good bond achieved
ME220	OT015	No primer	Good bond achieved
ME220	OT015	CT113 & AW421	Good bond achieved
ME480	Self-adhesive	No primer	Good bond achieved
ME480	Self-adhesive	ME901	Good bond achieved

Support

Here at Tremco CPG UK Ltd, we have technical experts and field support teams who can help you – from specification to application, we are on hand.

If you are looking for more information about fire rated membranes, or how to pick the right membrane for your application, please contact our team: hello@tremcocpg.com.

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