

TESTING OF STOCK SELF-ADHESIVE TAPES

Testing carried out - October 2019



PURPOSE: To test suitability of tapes for sticking our extruded rigid and flexible PVC profiles to a variety of different surfaces
METHOD: Like for like testing allowing at least 12 hours setting time for tapes before attempting removal using reasonable force
ADHESIVE: The adhesive used on each of the tapes is Acrylic
DESCRIPTION OF TEST: A 150mm length of uPVC Angle was stuck to each of the surfaces listed

Surface / Tape used	13mm Foam	15mm Polyester	13mm High Mass	Comments
uPVC (dry)	Pass	Pass	Pass	
Other Plastic (Polycarbonate)	Pass	Pass	Pass	Foam Tape clearly visible, others unobtrusive
MDF	Pass	Pass	Pass	
Brick	Pass	Fail	Pass	
Painted Surface	Pass	Fail	Pass	The type of paint might make a difference. Test or consult paint supplier
Treated Timber (water based)	Pass	Fail	Pass	
Untreated Timber	Pass	Fail	Pass	
Ceramic Tile (smooth side)	Pass	Pass	Pass	
Ceramic Tile (reverse side)	Pass	Fail	Pass	
Concrete (fence post)	Pass	Fail	Pass	
Wallpaper	Pass	Pass	Pass	Will all tear wallpaper off wall
Glass	Pass	Pass	Pass	Foam Tape clearly visible, others unobtrusive
Metal (steel or aluminium)	Pass	Pass	Pass	
Cardboard	Pass	Pass	Pass	
Flexible PVC	Fail	Fail	Fail/Pass	1mm thick High Mass failed, 0.25mm thick passed due to less leverage
Friable (e.g. loose Plaster)	not tested	not tested	not tested	Tapes may bond to surface but as surface crumbles tapes detach. Use screws
uPVC (in wet conditions)	Fail	Fail	Fail	Use Stixall type product
uPVC (apply dry then soak)	Pass	Pass	Pass	Soaked after 12 hour set
10 Second Grab (Brick)	Pass	Fail	Pass	Used taped Angle to lift Brick and shake