

## Technical Report

### EVALUATION OF GLASSCORP MSHP SAFE SEAL PERFORMANCE WITH PROTECTO SUPER STICK BUILDING TAPE

**Aim:** Evaluation of the performance of Glasscorp MSHP when used in conjunction with Protecto Super Stick Building Tape.

**Background:** Many building tapes traditionally used during building to provide air/vapour barriers around openings like doors and windows are subject to migration of components (e.g. bitumen) which precludes the use of sealants direct onto these building tapes. Protecto Super Stick Building Tape does not have any of these components and therefore allows the use of sealants directly onto the tape.

#### Evaluation parameters:

**Product:** Glasscorp MSHP – customer supplied  
Protecto Super Stick Building Tape – customer supplied

**Substrates:** Anodised aluminium  
H3.1 treated pine

**Test Methods:** Protecto Super Stick Building Tape applied to H3.1 treated pine. Bead of sealant applied to Protecto Super Stick Building Tape. Anodised aluminium adhered to sealant allowing a 3mm gap between the Protecto Super Stick Building Tape and anodised aluminium. Allowed to cure for 7 days. Samples put on challenge:

- 3 months at 25°C
- 3 months at 40°C
- 3 months at 80°C
- 3 months at -5°C

Samples inspected for: Adhesion, migration effects and general appearance

**Surface Preparation:** As supplied

#### Results:

Test Method	Adhesion	Migration	General appearance
3 Months at 25°C	No loss of adhesion between tape and sealant	No signs	No change
3 Months at 40°C	No loss of adhesion between tape and sealant	No signs	No change
3 Months at 80°C	No loss of adhesion between tape and sealant	No signs	No change
3 Months at -5°C	No loss of adhesion between tape and sealant	No signs	No change

#### Conclusions

Glasscorp MSHP is expected to achieve full product performance characteristics when used in conjunction with Protecto Super Stick Building Tape.

Note: Testing has been carried out under controlled laboratory conditions with substrate samples supplied from the market. Any changes in the composition of the substrate will invalidate these results. If changes occur, retesting is recommended to confirm that product performance has not been affected. It is the sole responsibility of the company using Glasscorp Ltd product(s) to notify Glasscorp Ltd as soon as any change occurs with substrate that has been tested.

Note: Customers should independently determine the suitability of this product for their specific purpose and application prior to use.

Testing carried on behalf of Glasscorp Ltd by:



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9 April 2014

Ref: MP1/185