

Test report

Project name : Saflex PVB
Requestor : Su Keet
Project number : RK2014062
Type of test : Compatibility
Date : 07-Oct-2014
Tested by : Ricardo Koens

Test(s):

Compatibility:

Prepare samples with Silpruf, Silpruf NB, Silpruf F, Multisil, SSG4000E, SSG4400, IGS3703E and IGS3723 and the material to be in contact to a modified ETAG 5.1.4.2.5 (Effects of material in contact).

Test conditions:

1-3 day's room temperature cure of the sealant on glass in contact with the material to be tested followed by 504 ± 4 hours exposure to UV light. A reference sample will be made and put in the dark for 504 ± 4 hours.

Type of UV-lamp: Xenon (ISO 4892-2) or equivalent.
Power: $60 \pm 5 \text{ W/m}^2$
Temperature: $60 \pm 2 \text{ }^\circ\text{C}$

Cleaning procedure:

Take a piece of cloth transfer cleaning agent (IPA) on it and wipe the surface of the glass substrate followed by a dry cloth which removes any residue. Repeat this step until there are no contaminants visible on the dry cloth. Wait 20-30 minutes before applying the sealant.

Results:

Material in contact	Grade	Primer	Color change	Adhesion to glass substrate CF (%)	Adhesion to material in contact CF (%)	Compatible
Saflex PVB	Silpruf	No	No	100	100	Yes
	Silpruf NB	No	No	100	100	Yes
	Silpruf F	No	No	100	100	Yes
	Multisil	No	No	100	100	Yes
	SSG4000E	No	No	100	100	Yes
	SSG4400	No	No	100	100	Yes
	IGS3703E	No	No	100	100	Yes
	IGS3723	No	No	100	100	Yes

Conclusion:

Silpruf, Silpruf NB, Silpruf F, Multisil, SSG4000E, SSG4400, IGS3703E and IGS3723 are compatible with Saflex PVB. Color changes were not observed.



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Caution:

As always, we recommend that adhesion testing should be verified under actual jobsite conditions and monitored in the sealant application progresses.

The above recommendations are valid only for the specified project and not intended to serve as a blanket approval.

The above recommendations are not intended as project warranty. For details on specific project warranties please refer to your local Sales Representative or Distributor for full explanation of process and requirements.

Failures of substrate (i.e., paint delamination, softening or release of E.I.F.S. finish coats, etc.) are not considered to be sealant failures and are not covered under the Momentive Performance Materials warranty.

This testing is for an adhesion testing that does not makes any guarantee for construction design calculation.

It should be confirmed that materials used on the project are the same as samples tested.

The adhesion results shown in this report was limited in scope and purpose and may not necessarily reflect actual end-use performance of the application. For that reason, Momentive recommends that adhesion tests be performed and verified under end-use conditions and monitored as the sealant application progresses.

Note:

Users should purchase GE sealant only from authorized distributors, to avoid imitations.

If you have any question on this report, don't hesitate to contact the technical service engineer.

Approved by: R. Koenis

Date: 7-Oct-2014



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