

Compatibility of IG Sealants In direct contact

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From:	Thierry Parmentier
Date:	15 th April 2014
Request:	ERPASAN BU

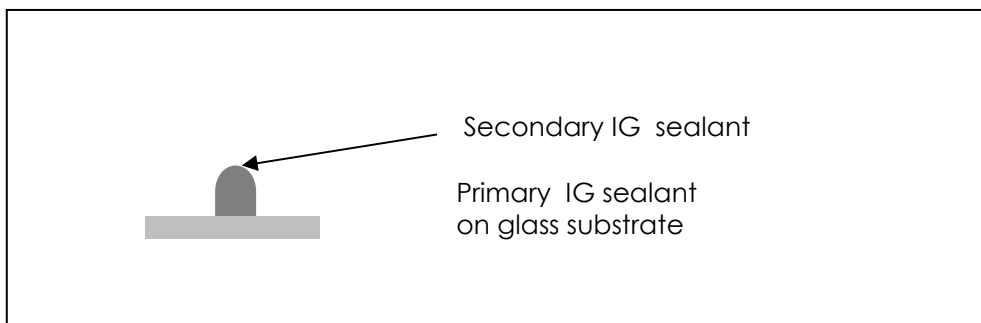
I Product

1) PIB sealant:
ERPASAN BU 2000

2) IG sealant:
JS 442 W
Part A Batch N° 35978/14
Part B Batch N° 39169/14

JS 562
Part A Batch N° 13104914
Part B Batch N° 13084344

II Test method :Only in direct contact.



IFT Guideline DI- 01/1: As it is written in the Procedure

4 Description of the test procedure

4.1 'Three test' P1

Aim

Identification of quickly appearing interferences caused on butyl (fast butyl drops in direct and indirect contact of materials).

4.1.1 Test sample

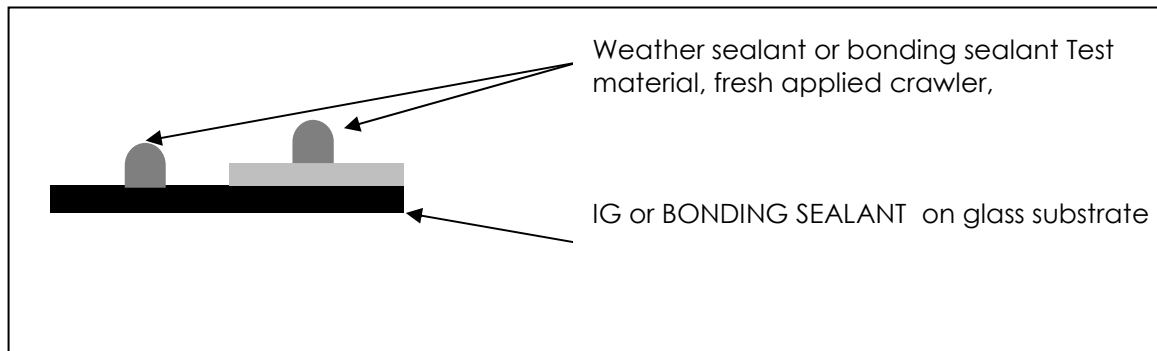


Fig. 2 Schematic representation of the test sample for the 'three test'

Of each material combination 3 test samples have to be manufactured.

4.1.2 Test method

- Production of 3 test samples (1 reference and 2 test samples),
- Production and pre-storage of each sealant foil (PIB and SD. The cross-section of the crawler should be 12 mm x 12 mm or approx. 13 mm in diameter +/- 2 mm,
- Conditioning: 24h in the normal climate chamber, 23°C/50% rh,
- Loading: 50°C +/- 3°C in the air recycling stove (2 test samples), before assessment: cooling on room temperature,
- Normal climate: 23°C/ 50% rh (1 reference test sample),
- Visual assessment after 1.3.7.14 and 28 days always as a comparison of the test samples to the reference sample.

4.1.3 Assessment

Visual assessment with regard to:

- Disturbance within the curing process,
- Softening and thickness,
- Smearing film surface,
- Brittleness
- Strong discoloration, especially at transparent and bright materials.

4.1.4 Evaluation

- No changes are permitted.

III Results : in direct contact only

ERPASAN BU 2000	JS 442 W	JS 562
1 day	NC	NC
3 days	NC	NC
7 days	NC	NC
14 days	NC	NC
20 days	NC	NC

NC: No Changes : No modification of aspect .No loss of adhesion –No hardness Shore A evolution


IV Comments

Compatibility evaluation:

The tests prove that there is no problem of compatibility between the ERPASAN BU 2000 and the JS 442 W – JS 562.

Thierry PARMENTIER

Saint Apollinaire:
15th April 2014.



Note 1: These results are significative only if the samples are representative of the batch with a commitment of the substrate manufacturer. This test report is not a certificate of qualification in term of law.