

## **COMPATIBILITY of IG sealants with Setting block**

### **I Products**

#### **IG Sealants:**

JS 442 Part A Batch n° 35696/13 – part B Batch n° 38127/13  
JS 562 Part A Batch n° 12079249 – Part B Batch n° 12058505

#### **Setting blocks:**

GFE Grey n° GFEGEA7410  
BLAUGELB White-Blue-Red-Yellow-Green-Black n° BLAUGELB 100301-2-3-4-5-6  
KKL White-Blue-Red-Yellow-Green-Black n° KKL100301-2-3-4-5-6

### **II Test method**

#### **IFT Guideline DI- 01/1: As it is written in the Procedure4.4**

#### **4.4 Proof of the compatibility of glazing blocks with cured sealants from the insulating glass edge-sealing (ift guideline VE-05/1)**

In agreement of all participants of the working group, the ift guideline VE-05/1 was accepted for the combination insulating glass -edge-bond -glazing blocks. The content is presented here below.

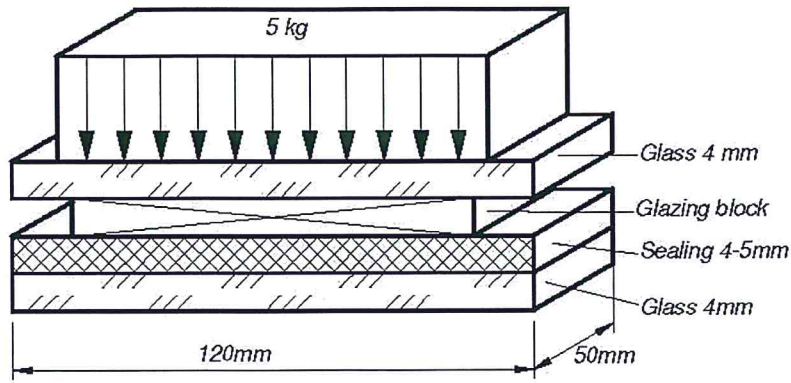
##### **4.4.1 Test sample**

The sealant is applied in a layer with a thickness of approx. 4 to 5 mm on a glass panel of 120 mm × 50 mm × 4 mm. The sealant is prepared according to regulation of the manufacturer and applied on the fat-free and dirt-free glass panel.

The sealant surface must be smooth and even. The test sample is then stored in the normal climate according to DIN EN ISO 291 23/50. If the sealant manufacturer doesn't indicate other times, then the following storage times are scheduled:

1 K sealant: 6 weeks  
2 K sealant: 2 weeks

Depending on the contact material, three test samples are to be produced as shown in Picture 10.



**Picture 10** Test sample for the compatibility of the glazing blocks

#### 4.4.2 Test method

A glazing block is put on the sealant surface with its' side, which also comes in contact with the sealant in the practical application. The glazing block is covered by a second glass plate (without sealant). This test sample is loaded with a weight of 5 kg. Afterwards the test sample is stored in the heating cabinet at +70°C for five weeks.

#### 4.4.3 Assessment

The test sample is checked on a regular basis. After the end of the test, the samples are visually examined with regard to changes within the contact areas, visible changes of the sealant and/or the glazing block, as well as discolorations.

#### 4.4.4 Evaluation

No changes of the sealant or of the glazing block are permitted regarding

- Softening,
- Brittleness

### III Results

	JS 442	JS 562
GFE	NC	NC
BLAUGELB	NC	NC
KKL	NC	NC

NC: No Changes 1: change aspect : Softening or Brittleness

### IV Comments

Compatibility evaluation:

The tests prove that there is no problem of compatibility between the IG sealants and the setting blocks.

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Saint Apollinaire: 01 February 2013

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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.