



2223

Date of Testing: **7th July 2010**

MAXAM, 14 Cultins Road, Edinburgh, EH11 4DZ

MAXAM 175 micron glass repair film (4mm Float Glass), has Passed the test requirements of BSEN 12600 'Glass in Building – Pendulum Test – Impact Test Method and Classification for Flat Glass, and is therefore classified as 1B1 on the filmed face and 1B1 on the glass face'.

| SAMPLE REFERENCE No. | IMPACTED FACE OF SAMPLE | ALLOWABLE BREAKAGE MODE | PERFORMANCE CLASSIFICATION | DIMENSIONS OF TEST PIECES | RESULT |
|----------------------|-------------------------|-------------------------|----------------------------|---------------------------|--|
| 1 | Filmed | B | ---- | 876 x 1939 | Pass (broke in accordance with Clause 4) |
| 2 | Filmed | B | ---- | 876 x 1938 | Pass (broke in accordance with Clause 4) |
| 3 | Filmed | B | ---- | 876 x 1938 | Pass (broke in accordance with Clause 4) |
| 4 | Filmed | B | ---- | 876 x 1937 | Pass (broke in accordance with Clause 4) |
| 22 | Glass | B | ---- | 876 x 1939 | Pass (did not break) |
| 11 | Glass | B | ---- | 876 x 1938 | Pass (did not break) |
| 12 | Glass | B | ---- | 878 x 1939 | Pass (did not break) |
| 13 | Glass | B | 3 | 878 x 1939 | Pass (did not break) |
| 5 | Filmed | B | ---- | 876 x 1938 | Pass (broke in accordance with Clause 4) |
| 6 | Filmed | B | ---- | 878 x 1938 | Pass (broke in accordance with Clause 4) |
| 7 | Filmed | B | ---- | 878 x 1939 | Pass (broke in accordance with Clause 4) |
| 8 | Filmed | B | ---- | 878 x 1939 | Pass (broke in accordance with Clause 4) |
| 22 | Glass | B | ---- | 876 x 1939 | Pass (did not break) |
| 11 | Glass | B | ---- | 876 x 1938 | Pass (did not break) |
| 12 | Glass | B | ---- | 878 x 1939 | Pass (did not break) |
| 13 | Glass | B | 2 | 878 x 1939 | Pass (broke in accordance with Clause 4) |
| 9 | Filmed | B | ---- | 878 x 1939 | Pass (broke in accordance with Clause 4) |
| 15 | Filmed | B | ---- | 877 x 1939 | Pass (broke in accordance with Clause 4) |
| 10 | Filmed | B | ---- | 878 x 1939 | Pass (broke in accordance with Clause 4) |
| 16 | Filmed | B | ---- | 878 x 1939 | Pass (broke in accordance with Clause 4) |
| 22 | Glass | B | ---- | 876 x 1939 | Pass (broke in accordance with Clause 4) |
| 11 | Glass | B | ---- | 876 x 1938 | Pass (broke in accordance with Clause 4) |
| 12 | Glass | B | ---- | 878 x 1939 | Pass (broke in accordance with Clause 4) |
| 23 | Glass | B | 1 | 878 x 1939 | Pass (broke in accordance with Clause 4) |

These results are valid only for the conditions under which the tests were conducted.

Product Definition: Asymmetrical Product.

All Test Pieces and Safety Film were clamped in the test frame, as required by the test standard.

When tested by the method given in clause 4 in BSEN 12600 each test piece shall either not break or break as defined in the following way:

Numerous cracks appear but no shear or opening is allowed within the test piece through which a 76mm diameter sphere can pass when a maximum force of 25 N is applied. Additionally if particles are detached from the test piece up to 3 minutes after impact, they shall, in total, weigh no more than a mass equivalent to 10,000 mm² of the original test piece. The largest single particle shall weigh less than the mass equivalent to 400 mm² of the original test piece.

Tested By: M Wass of Wintech Engineering Ltd & Mickey Sulston of GGF.

Report Compiled By: E Watkin

Signed:

Technically Approved By: M Wass
Deputy Technical and Quality Manager

Signed:

Date of Issue: 8th July 2010

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