



2223

**WINTech**Test Report/Certificate No: **R12134**Date of Testing: **14<sup>th</sup> February 2013****D.E.P. Ltd, Unit 4, Rokeby Court, Manor Park, Runcorn,  
WA7 1RW**

**DEP-WRF EM013 – 175  $\mu$ m Polyester Safety Film** (6mm Float Glass), has Passed the test requirements of BS EN 12600 'Glass in Building – Pendulum Test – Impact Test Method and Classification for Flat Glass', and is therefore classified as 1B1 on the plain face only.

SAMPLE REFERENCE No.	IMPACTED FACE OF SAMPLE	ALLOWABLE BREAKAGE MODE	PERFORMANCE CLASSIFICATION	DIMENSIONS OF TEST PIECES	RESULT
1	Non-Filmed	B	3	876 x 1938	Pass (broke in accordance with Clause 4)
2	Non-Filmed	B	3	876 x 1938	Pass (broke in accordance with Clause 4)
3	Non-Filmed	B	3	876 x 1938	Pass (broke in accordance with Clause 4)
4	Non-Filmed	B	3	876 x 1938	Pass (did not break)
4	Non-Filmed	B	2	876 x 1938	Pass (did not break)
5	Non-Filmed	B	2	876 x 1938	Pass (did not break)
6	Non-Filmed	B	2	876 x 1938	Pass (broke in accordance with Clause 4)
7	Non-Filmed	B	2	876 x 1938	Pass (did not break)
7	Non-Filmed	B	1	876 x 1938	Pass (did not break)
10	Non-Filmed	B	1	876 x 1938	Pass (did not break)
11	Non-Filmed	B	1	876 x 1938	Pass (did not break)
12	Non-Filmed	B	1	876 x 1938	Pass (did not break)

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 BS EN 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 mm<sup>2</sup> of the original test piece. The largest single particle shall weigh less than the mass equivalent to 400 mm<sup>2</sup> of the original test piece.

Tested By: J Hollins and M Swanborough of Wintech Engineering Ltd

Testing Witnessed By: G Richards of D.E.P. Ltd

Report Compiled By: J Hollins  
Technical Assistant

Signed: 

Technically Approved By: M Wass  
Technical Director

Signed: 

Date of Issue: 14<sup>th</sup> February 2013

This report and the results shown are based upon information, samples supplied and tests referred to above. The results obtained do not necessarily relate to samples from the production line of the above named company and in no way constitute any form of representation or warranty as to the performance or quality of any products supplied or to be supplied by them. Wintech Engineering Ltd or its employees accept no liability for any damages, charges, cost or expenses in respect of or in relation to any damage to any property or other loss whatsoever arising either directly or indirectly from the use of this report.

Wintech Engineering Ltd, Halesfield 2, Telford, TF7 4QH  
Tel: 01952 586580, Fax: 01952 586585