



# Test Report



Report No	262/4065113/1 of 2
Client	3M United Kingdom PLC 3M House PO Box 1 Market Place Bracknell Berkshire RG12 1JU
Authority & date	Purchase Order No 811454 dated 2 November 1999
Items tested	4mm Annealed Film backed glass 6mm Annealed Film backed glass
Specifications	BS 6206:1981 - Flat glass for use in buildings
Results	See Text
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Authorized by	P Parkins 
Issue Date	2 DECEMBER 1999
Conditions of issue	This Test Report is issued subject to the conditions stated in current issue of <i>Test Leaflet 1</i> 'General conditions relating to acceptance of testing'. The results contained herein apply only to the particular sample/s tested and to the specific tests carried out, as detailed in this Test Report. The issuing of this Test Report does not indicate any measure of Approval, Certification, Supervision, Control or Surveillance by BSI of any product. No extract, abridgement or abstraction from a Test Report may be published or used to advertise a product without the written consent of the General Manager, BSI Product Services, who reserves the absolute right to agree or reject all or any of the details of any items or publicity for which consent may be sought.

**TEST AND EXAMINATION OF FLAT GLASS FOR USE IN BUILDINGS****INTRODUCTION**

At the request of 3M United Kingdom PLC the flat glass samples, detailed below, were tested and assessed to the requirements of BS 6206:1981, as indicated on the following pages of this Report. This request was made in a Purchase Order from the Client referenced 811454 dated 2 November 1999. It is emphasized that assessments were not made against other clauses of the Specification.

**TEST ITEMS**

- A) 4mm Asymmetric 3M Scotchshield SH4CLARL (Nov 99)  
107 micron thick single ply polyester with pressure sensitive adhesive  
Film back annealed glass 1930 x 865mm
- B) 6mm Asymmetric 3M Scotchshield SH4CLARL (Nov 99)  
107 micron thick single ply polyester with pressure sensitive adhesive  
Film back annealed glass 1930 x 865mm

Date of test: 17 November 1999

**SUMMARY OF RESULTS**

The test samples were tested to the method described in BS 6206:1981.

The results of which are as follows:

TEST ITEMS	DROP HEIGHT	ASSESSMENT
A)	(457mm)	Pass
B)	(457mm)	Pass

**TEST AND EXAMINATION****ITEM A****CLAUSE****5 IMPACT****5.3 Impact test**

- Type - Asymmetric 3M Scotchshield SH4CLARL (Nov 99)  
107 micron thick single ply polyester with pressure sensitive adhesive Film back annealed glass 1930 x 865mm
- Thickness - 4.00mm Nominal
- Film thickness - 0.10mm

<u>Sample No</u>	<u>Impact No</u>	<u>Side Impacted</u>	<u>Result of Impact</u>	<u>Assessment</u>
<b><u>Drop height 457mm</u></b>				
1	1	Film	Broken safely	Pass
2	2	Film	Broken safely	Pass
3	3	Film	Broken safely	Pass
4	4	Film	Broken safely	Pass
5	5	Glass	Broken safely	Pass
6	6	Glass	Broken safely	Pass
7	7	Glass	No breakage	Pass
8	8	Glass	Broken safely	Pass

**TEST AND EXAMINATION (CONTINUED)****ITEM B****CLAUSE****5 IMPACT****5.3 Impact test**

- Type - Asymmetric 3M Scotchshield SH4CLARL (Nov 99)  
107 micron thick single ply polyester with pressure sensitive adhesive Film back annealed glass 1930 x 865mm
- Thickness - 6.00mm Nominal
- Film thickness - 0.10mm

<u>Sample No</u>	<u>Impact No</u>	<u>Side Impacted</u>	<u>Result of Impact</u>	<u>Assessment</u>
<b><u>Drop height 457mm</u></b>				
1	1	Film	Broken safely	Pass
2	2	Film	No breakage	Pass
3	3	Film	No breakage	Pass
4	4	Film	Broken safely	Pass
5	5	Glass	Broken safely	Pass
6	6	Glass	Broken safely	Pass
7	7	Glass	Broken safely	Pass
8	8	Glass	Broken safely	Pass