

W I N T E C H

BUILDING ENVELOPE TESTING

www.wintechtesting.com

Technical Certificate

Certificate No JLH/R14218-2
Author J Hollins
Date 21st July 2014

Client Name Specialist Toughened Glass Ltd
Address Wendover Road
Rackheath Industrial Estate
Rackheath
Norwich
NR13 6LH

Project No 14218

Date of Test 18/07/2014

Glass Description 4mm Clear Toughened Float Glass

Test Standard BS EN 12150-1:2000

Test Procedure

The glass pane of dimensions 360mm x 1100mm was laid flat on a table without mechanical constraint, however safely restrained at the edges in order to prevent scattering of fragments. The impact was conducted using a spring loaded centre punch to incur breakage of the glass at a position 13mm in from the longest edge, and at the mid-point of that edge. Following breakage, the particles were counted in accordance with section 8.4 of the test standard. This procedure was then repeated on a further 4 panes of glass.

Pass Criteria

Minimum Particle Count 40
Maximum Allowable Length of Largest Fragment (mm) 100

Test Results

Sample Ref	Total No of Fragments	Size of Largest Fragment	Result
1	40	30.82	Pass
2	48	23.36	Pass
3	60	23.11	Pass
4	42	24.47	Pass
5	47	24.73	Pass

This test results presented within this certificate allow this product to be classified as Thermally Toughened Soda Lime Silicate Safety Glass.

This certificate and the results shown within are valid only for the conditions under which the test was conducted. 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 the report.

Author J Hollins
Technical Administrator



Approved by

M Wass
Technical Director



This report is copyright and reproduction of this document in whole or any part thereof must not be made without prior written permission from Wintech Engineering Ltd.

Wintech Engineering Ltd, Halesfield 2, Telford, Shropshire, TF7 4QH
Tel: +44 (0)1952 586580 Fax: +44 (0)1952 586585

