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BUILDING ENVELOPE TESTING

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Technical Certificate

Certificate No JLH/R14218
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 6mm 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	116	9.02	Pass
2	90.5	12.47	Pass
3	129	8.97	Pass
4	62.5	13.01	Pass
5	102	13.19	Pass

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

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Author J Hollins
Technical Administrator



Approved by

M Wass
Technical Director



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