



LABORATORY TESTING COMPRESSION TEST



Project Information

Project Name	TTII PLAY-SAFE 65 EPDM INFILL Compression test	Sample Received	1/13/2016
Client Information	Target Technologies International Inc. 8535 Eastlake Drive Burnaby, BC V5A 4T7		
Date	March 2, 2016		
Report Status	Final		
Job No.	90744/830		
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Notes:

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Summary

Sports Labs USA was commissioned to test three samples of infill to ensure that there was no change in the materials ability to rebound after undergoing compression testing of pre-baked and non-baked samples. Sample A was left as a constant and not heated before the compression testing. Samples B and C where pre baked before testing at 110°C for Sample B and 175°C for Sample C.

During testing all three samples were placed under 25% compaction and baked at a temperature of 70°C for a period of 22 hours per test method ASTM D395 method B. Afterwards the samples were allowed to rest for approximately 30 min before measurements were made to compare how much the material was able to rebound in comparison to each other.

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General Information

Test Method	ASTM D395		
Testing Device	Method B		
Test Date	2/23/16 thru 3/1/16	Product Info	TTII PLAY-SAFE 65 EPDM INFILL
Weather Conditions	Indoor	Air Temp (° F)	72
Humidity %	45	Misc. Notes	None

Results

TTII PLAY-SAFE 65 EPDM INFILL		
Sample	Description	Rebound (%)
A	Not Heated before compression testing	88.14
B	Previously Heated to 110°C before compression testing	88.12
C	Previously Heated to 175°C before compression testing	89.14

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Sample Photos



Pre Compression Sample A



Pre Compression Sample B



Pre Compression Sample C



Post Compression Sample A



Post Compression Sample B



Post Compression Sample C

End of Report

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