



**TÜV SÜD America Inc.**  
Product Safety Services  
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## Surfacing Material Report – ASTM F1292-13

Client: Ure-Tech Surfaces Inc.  
Manufacturer: SUPERIOR RUBBER and MULCH  
Manufacturing Location: Bowmanville, Ont., CAN

TUV Report No.: Q1411518-5

Report Date: 12/16/2014

Test Date: 12/8/14 and 12/16/14

Initial Test ☒

Follow up Test ☐ Ref Job:

Sample Receipt Date: 12/5/2014

Ambient Air Temperature: 23.7°C

Humidity: 20.0%

Commercial Name of product: Superior SBR

Date of Manufacture: Unknown

No. of samples submitted: 3 - 18in. X 18in. PIP Systems

### Test Equipment:

Triax System 4: ☒

Environmental Chamber No.: PLYP00101

Triax System 1: ☐

Calibration Due Date: 6/17/15

Accelerometer ID: PLYP00121

Environmental Chamber No.: PLYP00069

Accelerometer Calibration Due Date: 1/22/2015

Calibration Due Date: 8/11/15

### Loose fill Material Sample Description:

Engineered Wood Fiber: ☐

Un-compacted Depth: \_\_\_\_\_ Inches

Loose Fill Wood: ☐

Rubber: ☐

Sand: ☐

Compacted Depth: \_\_\_\_\_ Inches

Gravel: ☐

Other: ☐

### Unitary Sample Description:

Tiles: ☐

Total Thickness: 140mm

Poured in Place: ☒

Top Layer: 30mm

Other: ☐

Base Layer: 110mm

### Comments:

Samples were provided in 18in. X 18in. X 0.5in. wood boxes, as assembled by Client. Samples were tested as received.

The above described sample was tested at : 10 Ft.

The results reported herein reflect the performance of the above described samples at the time of testing and at the temperature(s) reported. The results are specific to the described samples. Samples of surfacing materials that do not closely match the described samples will perform differently. The following data sheet provides an accurate representation of the test results. Compliance with this Standard does not constitute product certification.

Sample in compliance with ASTM F1292-13 at the temperature and rating specified? Yes ☒ No ☐

Signature: [Signature] Title: Project Coordinator Date: 12/16/14

Reviewed by: [Signature] Title: Regional mgr. Date: 12/16/2014

Client: Ure-Tech Surfaces, Inc.

TUV Report No.

Q11411518-5Manufacturer: SUPERIOR RUBBER and MULCH

Test Date:

12/8/14 and 12/16/14

Drop	Specified Impact Height (ft.)	Reference Temperature -6°C, (21.2°F)				Reference Temperature 23°C, (73.4°F)				Reference Temperature 49°C, (120.2°F)			
		G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)	G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)	G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)
1	10	89	595	25.4	10.030	79	482	25.4	10.030	81	469	25.4	10.030
2	10	93	580	25.4	10.030	83	482	25.4	10.030	82	465	25.5	10.109
3	10	91	584	25.4	10.030	81	484	25.4	10.030	83	469	25.5	10.109
Average		92	582			82	483			82.5	467		
Measured Surface Temperature		(-6°C)	Max. Change from reference + 5°C, (5°F)			23°C	Max. Change from reference ± 3°C, (5°F)			49°C	Max. Change from reference -3°C, (-5°F)		
Sample Condition:		DRY				DRY				DRY			

Drop	One foot over (Ft.)	Reference Temperature -6°C, (21.2°F)				Reference Temperature 23°C, (73.4°F)				Reference Temperature 49°C, (120.2°F)				
		G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)	G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)	G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)	
1					0.000				0.000				0.000	
2					0.000				0.000				0.000	
3					0.000				0.000				0.000	
Average		0	0			0	0			0	0			
Measured Surface Temperature		°C	Max. Change from reference + 5°C, (5°F)				°C	Max. Change from reference ± 3°C, (5°F)				°C	Max. Change from reference -3°C, (-5°F)	
Sample Condition:														

Drop	One foot under (Ft.)	Reference Temperature -6°C, (21.2°F)				Reference Temperature 23°C, (73.4°F)				Reference Temperature 49°C, (120.2°F)			
		G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)	G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)	G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)
1					0.000				0.000				0.000
2					0.000				0.000				0.000
3					0.000				0.000				0.000
Average		0	0			0	0			0	0		
Measured Surface Temperature		°C	Max. Change from reference + 5°C, (5°F)			°C	Max. Change from reference ± 3°C, (5°F)			°C	Max. Change from reference -3°C, (-5°F)		
Sample Condition:													



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