



TÜV SÜD America Inc.
Product Safety Services
47523 Clipper Drive
Plymouth, MI 48170
Phone: 734.455.4841

Surfacing Material Report – ASTM F1292-13

Client: Ure-Tech Surfaces Inc.
Manufacturer: SUPERIOR RUBBER and MULCH
Manufacturing Location: Bowmanville, Ont., CAN
Commercial Name of product: Superior SBR
Date of Manufacture: Unknown
No. of samples submitted: 3 - 18in. X 18in. PIP Systems

TUV Report No.: QI1411518-6
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%

Test Equipment:

Triax System 4:	<input checked="" type="checkbox"/>	Environmental Chamber No.:	<u>PLYP00101</u>
Triax System 1:	<input type="checkbox"/>	Calibration Due Date:	<u>6/17/15</u>
Accelerometer ID:	<u>PLYP00121</u>	Environmental Chamber No.:	<u>PLYP00069</u>
Accelerometer Calibration Due Date:	<u>1/22/2015</u>	Calibration Due Date:	<u>8/11/15</u>

Loose fill Material Sample Description:

Engineered Wood Fiber:	<input type="checkbox"/>	Un-compacted Depth:	Inches
Loose Fill Wood:	<input type="checkbox"/>		
Rubber:	<input type="checkbox"/>		
Sand:	<input type="checkbox"/>	Compacted Depth:	Inches
Gravel:	<input type="checkbox"/>		
Other:	<input type="checkbox"/>		

Unitary Sample Description:

Tiles	<input type="checkbox"/>	Total Thickness:	<u>160mm</u>
Poured in Place	<input checked="" type="checkbox"/>	Top Layer:	<u>30mm</u>
Other	<input type="checkbox"/>	Base Layer:	<u>130mm</u>

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 : 12 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: Justin J. Fanchia Title: Project Coordinator Date: 12/16/14

Reviewed by: [Signature] Title: Regional mgr. Date: 12/16/14

Client: Ure-Tech Surfaces, Inc.

TUV Report No.

QM1411518-6Manufacturer: 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	12	99	740	27.8	12.014	77	487	27.9	12.101	75	444	27.9	12.101	
2	12	101	754	27.9	12.101	77	493	27.9	12.101	77	470	27.9	12.101	
3	12	100	748	27.9	12.101	76	485	27.9	12.101	78	466	27.9	12.101	
Average		100.5	751			76.5	489			77.5	468			
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 (FL)	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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