



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**

Commercial Name of product: **Superior SBR**

Date of Manufacture: **Unknown**

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

TUV Report No.: **Q11411518-4**

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: **23.8°C**

Humidity: **20.0%**

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: **120mm**

Poured in Place ☒

Top Layer: **30mm**

Other ☐

Base Layer: **90mm**

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 : 8 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: Timothy Franklin

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.

Q11411518-4Manufacturer: 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	8	78	365	22.8	8.081	80	382	22.7	8.011	82	413	22.8	8.081	
2	8	81	377	22.8	8.081	84	394	22.7	8.011	84	428	22.8	8.081	
3	8	81	389	22.8	8.081	84	393	22.8	8.081	83	427	22.8	8.081	
Average		81	383			84	393.5			83.5	427.5			
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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