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 PartySite: 1568508
 File No: R38782
 Project No: 4789353060
 PD No: 20006592
 Type: R
 PO Number:

Subject: **Procedure And/Or Report Material**

The following material resulting from the investigation under the above numbers is enclosed.

Issue

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
2016/12/08	1	1	Revised Description Page(s) 1	2020/01/31
2016/12/08	1	1	Cover Page(s)	
2016/12/08	1	1	New Test Record 5	2020/01/31

Inspections at your plant will be conducted under the supervision of Jesse Harmer, AREA MANAGER, UL INSPECTION CENTER FLORIDA AREA OFFICE, UL LLC, PO BOX 272314, TAMPA, FL, United States, 33688-2314., PHONE: 605-231-0446, FAX: 847-513-7660, EMAIL: Jesse.Harmer@ul.com

Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

Please review this material and report any inaccuracies to UL's Customer Service Professionals. Contact information for all of UL's global offices can be found at <http://ul.com/aboutul/locations>.

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NBK File

UL INSPECTION CENTER 232

DESCRIPTION

PRODUCT COVERED:

Building Unit designated as "Echo Block".

MANUFACTURING PROCESS:

The components are mechanically blended together.

FORMULATION:

2 gal. Cement slag

2 gal. Silica fume

3 gal. Portland Cement

The three above ingredients are mixed together for 2 minutes

6 buckets weighing 25 lbs. each of shredded tire pieces $\frac{3}{4}$ " in size

These ingredients are mixed dry for 5 minutes to let the dry ingredient infuse with the nylon fibers inside the shredded tire pieces

4 gal. of water is added to the dry mixture and everything is mixed inside a mixer for 5 minutes.

A thin $\frac{1}{2}$ " layer of high strength non shrink grout is poured into the mold.

This grout layer acts as a strong flat surface.

High strength grout mixture is 1 50lbs bag and 1.1 gallon of water to achieve flowable grout

NOTE: Mix design can be scaled up or down depending on desired final quantity.

*The mixture is placed into forms that are a minimum of **2 inches** thick.

File R38782
Project 4787403372
Project 4788702915
Project 4789062939

Issued: December 8, 2016
Revised: January 31, 2020

REPORT

on

ROOFING SYSTEMS

Under The

CLASSIFICATION PROGRAM

SHREDDED TIRE INC
Fort Lauderdale, FL

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TEST RECORD NO. 5

INVESTIGATION:

The scope of the investigation sponsored under Project 4789353060 was to evaluate an alternate thickness of "Echo Block". The Applicant requested a reduction in the minimum thickness of "Echo Block" building unit to 2 inches.

DISCUSSION:

UL, LLC's general fire test experience with regard to the "Echo Block" product suggests a reduction in thickness would not have an adverse impact on the fire test performance. Therefore the decrease in the allowable thickness of "Echo Block" to a minimum of 2 inches is extended for the end-use construction in non-combustible roof deck assemblies.

Test Record Summary:

The result of this investigation, including reviews of constructions, test and formulation data, indicates that the products evaluated comply with applicable requirements in UL790, and therefore, such products are judged eligible to bear UL's Mark as described below.

Standard	Title	Edition or Publication Date	Last Revision Date
ANSI/UL 790	Tests for Fire Resistance of Roof Covering Materials	8th	October 19, 2018

Roofing System Classifications will be revised as shown below:

Other Systems

Class A

1. Deck: NC Incline: Unlimited

Building Unit: Echo Block, min. 2" thick.

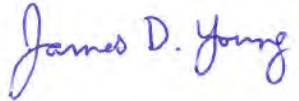
3. Deck: NC Incline: See Note

Building Unit: Echo Block, min. 2" thick.

Roof Covering: - Any Class A BUR system or CPE, CSM, CSPE, EPDM, NBP, PIB, PVC TPO or TRE polymeric single ply membrane system.

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TEST RECORD No. 5 by:



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Reviewed by:



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