

## BURN RATE TESTING FOR DAL TILE®

FMVSS302 BURN RATE TESTING  
LUXORA™ BY DAL TILE®  
ON MARBLE COVERING  
VTEC #100-6957  
TESTED: SEPTEMBER 30, 2021



# VTEC Laboratories Inc.

September 30, 2021

**Client:** Daltile  
7384 C.F. Hawn Freeway  
Dallas, TX

**Attn:** Frank Overton

**Subject:** FMVSS302 Burn Resistance Testing for materials used in occupant compartments of motor vehicles.

**Test Method:** This test was conducted in accordance with the FMVSS302 specification.

**Passing Criteria:** Material shall not burn, nor transmit a flame front across its surface, at a rate of more than 4 inches per minute. However, the requirement concerning transmission of a flame front shall not apply to a surface created by the cutting of a test specimen for purposes of testing. If a material stops burning before it has burned for 1 minute from the start of timing, and has not burned more than 2 inches from the point where timing was started, it shall be considered to meet the burn-rate requirement of the standard.

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**Material Tested:**

- 1) Manufacturer: Daltilo
- 2) Product description: Marble covering
- 3) Color: Gray
- 4) Number of Specimens: 1
- 5) Surface: Smooth side down
- 6) Material description: by Manufacturer and VTEC
- 7) Date of selection: September 2021
- 8) Purpose of test: Determine burn rate
- 9) Method of sample mounting: Standard

**Results:**

The burn rate is calculated from the following formula:

$$B = 60 \times (D/T)$$

Where:

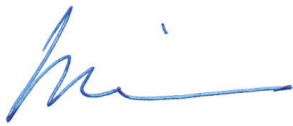
B = Burn rate in inches per minute.

D = Length the flame travels in inches.

T = Time in seconds for the flame to travel D inches.

<u>Specimen</u>	<u>Length of Flame Travel, D (inches)</u>	<u>Time of Flame Travel, T (seconds)</u>	<u>Burn Rate, B (inches/minute)</u>	<u>Pass/Fail</u>
1	0	0	N/A	PASS

Observations: No usual observations.



Neil Schultz  
Executive Director



Amirudin Rahim  
Technical Director

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