
Shaw Industries, Inc.

P.O. Box 2128

Dalton, GA 30722

Phone: 706-532-2205

alan.butenhoff@shawinc.com

Central Laboratory Operations Laboratory Test Report

Test Number: R-170713-40338

Date Completed: 08-08-2017

Product Information:

Division: Philadelphia

Style: 54870 Chiseled

Shop Order: E4166

Roll Number: T100G5W

Test Conducted: **ASTM E 648-97**, which is used to predict how a floor covering might spread fire in a corridor during a fully developed fire. It measures an actual physical property of the carpet, the Critical Radiant Flux or the amount of radiant energy (heat) necessary to sustain burning.

<u>Results:</u>	<u>Distance</u>	<u>Critical Radiant Flux</u>
Specimen 1	37.8 cm	0.55 Watts/cm ²
Specimen 2	32.5 cm	0.65 Watts/cm ²
Specimen 3	38.4 cm	0.54 Watts/cm ²
Average	38.2 cm	0.58 Watts/cm ²

Average Critical Radiant Flux: 0.58 Watts/cm²

Standard Deviation: 0.06

Coefficient of Variation: 10.49%

Sample Meets or Exceeds the Requirements of NFPA Class II

Approved by: Charles Tidwell

Note: This report shall not be reproduced except in full, without the written approval of the laboratory.* This report is provided for the exclusive use of the client to whom it is addressed. Results of the report are related only to the material identified and tested. This report cannot be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.