

Russell Stone Products, Inc.

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April 21, 2026

To Whom It May Concern:

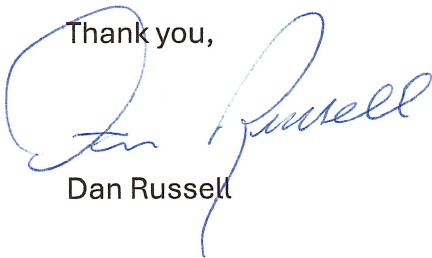
Russell Stone Products, Inc. has been a sandstone quarry and fabrication company for over 25 plus years. Our employees are all thoroughly trained in the proper fabrication skills and safety requirements of dimensional stone.

Material is quarried and fabricated at 2640 Greenville Pike, Grampian, PA. We are located 481 miles northwest of Lexington, Ky. We have completed many projects over the years from medical centers, universities, high-end private homes and many other state and federal agencies throughout the country and Canada.

We are currently fabricating material for the Pittsburgh International Airport, and the most recent prestigious project that we are working on is the home of George Washington in Mount Vernon.

You can see additional documented information on our website at www.russellstoneproducts.com

Thank you,



Dan Russell

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Class II Quarzitic Sandstone

Russell Stone is proud of the fact that our sandstone is classified as a Class II Quarzitic Sandstone. That presents the question that most people ask:

What is a Class II Quarzitic Sandstone?

Our Class II Quarzitic Sandstone contains a higher proportion of quartz grains than many other (Class I) Sandstones and delivers performance closer to that of a Quartzite or Granite than that of a normal sandstone in all applications. The weathering durability of our Class II sandstone products far exceeds that of more common Class 1 sandstone materials. On top of this, we can offer this high level of performance in a wide range of colors.

The high strength of a Class II Sandstone allows for a far wider performance range for design applications than a regular sandstone. It is much stronger in flexure and can perform in more strenuous applications. That is displayed by many railroad bridges that have been built in with our stone. The Rockview bridge in Harrisburg Pa is a great example. It was constructed in the late 1800's and has had numerous trains travel daily for over 100 years. The railroad bridges are still viable today.

The heavy quartz grain composition of our stone gives our products an abrasion resistance far higher than that of regular sandstones, so when used in a paving application it will resist wear. Furthermore, it has a far greater resistance to damage from de-icing salts than Class I Sandstone products. That is very evident in the steps at the Philadelphia Museum of Art which were installed in the 1920's and are salted numerous times per day during the winter and are still in use today, looking like they were recently installed, a testament to the Class II Sandstone. Physical requirements published by ASTM for stone used in paving areas with heavy foot traffic do not recommend the use of Class I sandstones.

Class II Sandstone has a much lower absorption rate and higher density than regular sandstone making it a much better choice for applications where freeze-thaw exposure may be a concern. Both previous examples, the Philadelphia Art Museum steps and the railroad bridges are testimony to the durability through freeze and thaw both performing at 100 years plus in extreme weather conditions. Our Class II stone was used recently in the C & O canal when replacing the original sandstone in several locks because of its weathering and durability. Last year it was used to replace the original stone at the Rideau Canal in Canada.

The compressive strength of our Class II Sandstone is two to three times as strong as the majority of Class I sandstone materials and performs at nearly the level expected of a Quartzite or Granite. As such, the design applications for Class II Sandstones are far wider than a typical sandstone. When high compressive strength is needed for a project, our Class II sandstone can perform for you at a fraction of the cost of Granite.

We are the only Class II Quarzitic Sandstone that we know of, and we now have a Type III EPD Classification for our sandstone.



NATURAL STONE INSTITUTE RECOGNIZES

Russell Stone Products

Environmental Product Declarations allow consumers in the building and construction industry to make better informed decisions about the environmental impacts associated with the products they choose. By contributing data related to their operations, participants are delivering the transparency and leadership valued in today's building and construction materials industry.

Program Operator:

Sustainable Minds

Relevant EPDs:

Natural Stone Exterior Cladding, Natural Stone Flooring/Paving,
Natural Stone Countertops

Documentation Validity:

November 1, 2022 - October 31, 2027

SIGNED ON BEHALF OF
SUSTAINABLE MINDS

Terry Swack

Terry Swack
Founder & CEO



Sustainable Minds®

IN CONJUNCTION WITH
NATURAL STONE INSTITUTE

A handwritten signature in black ink, appearing to read "Jim Hieb".

Jim Hieb, CAE
Chief Executive Officer



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Type III – EPD

Russell Stone Product is proud to announce that we have recently completed 2 years of testing and studies with the Natural Stone Institute and our sandstone is now classified as Type III EPD.

EPD (Environmental Product Declaration) makes our sandstone a desirable product to be used for LEED, The Green Globes System, BREEAM New construction, and CHPS Buildings. It lowers the embodied carbon footprint in the construction process.

Russell Stone's sandstone from cradle to grave dominates the results in all product categories for environmental indicators.

Our sandstone is nearly complete as a building material in its natural state as Mother Nature does most of the manufacturing. It's a single ingredient that emits no VOC's or health hazards. Our sandstone with its natural colors and pattern variations is an easy solution to all your green building goals.

The durability of the sandstone allows it to perform impeccably in commercial and residential applications for interior and exterior use and rarely reaches an end of its performance in its service life.

Along with our Type III EPD certification, we are also the only one that we are aware of that hold a Class II Sandstone within the United States and Canada.

Our website has all the testing information and PDFs for our Type III EPD certification as well as all the test results for Class II Quarzitic Sandstone certification.