

Construction

The porous, cellular nature of pumice makes it lightweight and gives it good insulating ability. Mine Pumice from CR Minerals is widely used in the construction industry, in applications ranging from lightweight structural concrete to insulating concrete to concrete block and masonry products. CR Minerals pumice is also used in architectural stone veneer, plaster aggregate, and loose fill insulations.

Pumice reduces the weight of concrete blocks by more than 20% without decreasing compressive strength, thus making handling easier, minimizing the bulk of foundations or supporting columns in multi-story buildings, and reducing the reinforcement required in suspended floors. The high insulation value of pumice reduces the bulk required to meet thermal and acoustic standards. In addition, pumice is fireproof and resists condensation, mildew, and vermin.

The lightweight and insulating properties of CR Minerals pumice make it an ideal choice replacing silica sand in Exterior Insulation and Finishing Systems (EIFS). Synthetic stucco is gaining wider acceptance in Green Building applications.

Pumice has a significantly lower carbon footprint than some other lightweight aggregates, such as expanded shale, which is commonly used in concrete and occasionally in architectural stone veneer.

Pumice may also be added to Portland cement as a pozzolanic material.

CR Minerals' "Mine Pumice" products (Bulk Truck)

Recommended products for lightweight concrete

3/4" by 3/8"

3/8" by 1/4"

3/8" by 0"

1/4" by 0"

Lightweight Synthetic Stucco

Super Sack/Bag Recommended products

#3 30 to 100 Mesh

#4 14 to 40 Mesh

#6 10 to 30 Mesh

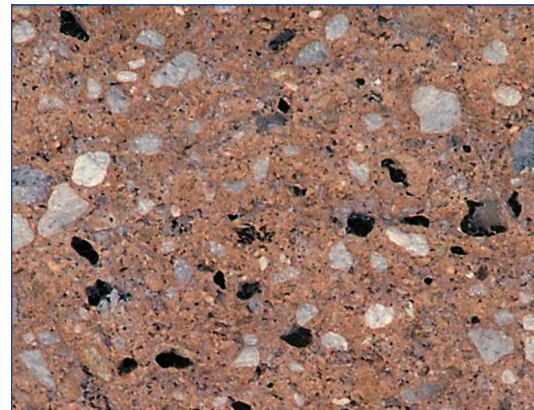
#8 6 to 14 Mesh

Additional Information at www.CRMinerals.com

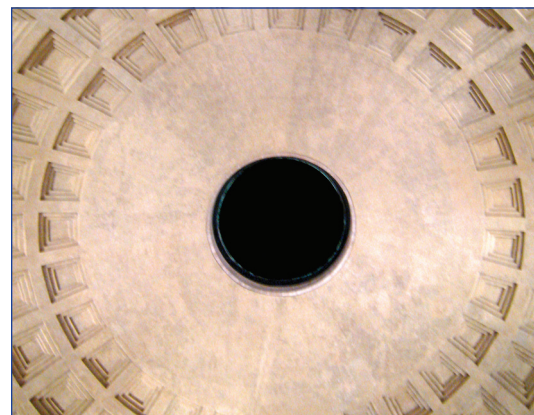
To place an order or obtain additional information, please contact CR Minerals at 505-428-2940, or contact your local distributor.

CR Minerals is a worldwide supplier of pumice products to many diverse markets. It operates a state of the art processing facility in Ohkay Owingeh, New Mexico.

Although the information and suggestions in this publication are believed to be correct, CR Minerals makes no representations or warranties as to the accuracy or completeness of this information.



Split Face Block



Dome of the Pantheon



Manufactured Stone Veneer