CALIZA STONE SERIES
THE NEXT ALTERNATIVE

RockCast.
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Reading Rock is again leading the way by offering an economical alternative for your project’s entire veneer without sacrificing beauty, quality, and performance. Caliza Stone Series superior quality provides an opportunity to retain the hand-crafted beauty of natural stone but at a fraction of the cost for any project budget.

NATURAL BEAUTY & DURABILITY.

While offering a natural stone look, Caliza Stone delivers the durability of concrete. Caliza Stone units also provide a dynamic complement to brick and other masonry products.

Caliza Stone is available in typical veneer sizes as well as larger monumental sizes and textures similar to Reading Rock’s RockCast Architectural Masonry Veneer Series. Caliza Stone units can be used at grade, feature an integral water repellent, low absorption and are backed with a Lifetime Warranty.

ADVANTAGES

Caliza Stone, provides versatility and sophistication at affordable prices. Other advantages include:

- Exceptional color blends with striated colors
- Aesthetically attractive
- Accent with other RockCast products for a more custom and high-end appearance as well as maintaining color continuity.
- Readily available in 5 - 6 weeks
- National distribution footprint
- Installed using standard masonry practices
- Lifetime Warranty
- Backed by experience since 1947
- Manufactured with Rheopel Plus integral water repellent for enhanced long-term performance.

Reading Rock proudly supports the development of green product innovations and is committed to developing and improving our entire product line with respect to the environment. Our commitment to sustainability and environmental responsibility involves our every process and product. Reading Rock was one of the first cast stone manufacturers to devote resources to products with supplementary cementitious materials (SCM).
COLORS

Caliza Stone Series, is available in Smooth, Split, Chiseled, and Chamfered textures. For random Ashlar patterns, Chiseled Tumbled (Cantera) texture is available. Design using a repeating Ashlar pattern and utilize our Cut Stone Program. Reference our Ashlar Series brochure or visit www.readingrock.com for more information.

These photographs are a close representation of our actual colors. Due to photographic reproduction limitations, exact color fidelity is difficult to obtain. Actual samples should always be viewed before making a final decision.

SPECIFY WITH CONFIDENCE

Caliza Stone’s natural beauty, durability and structural integrity have made it a popular choice among owners, specifiers and contractors. This uniquely produced masonry product, Caliza Stone, is comprised from a high-density mixture of aggregates, sand and Portland cement. To ensure a successful installation, handling and maintenance of Caliza Stone, please reference ASTM masonry specifications, NCMA TEK Bulletins and local building codes.

• Create and provide a full-size field panel. Reading Rock will provide standard units for a Caliza Stone Series field panel. An owner or architect should verify and approve the:
  • Texture and color
  • Workmanship/quality of construction

• Specify with Rheopel Plus multi-purpose admixture. This unique formula is based on a novel silane chemistry that is different from that of conventional water repellent admixtures. When manufactured concrete products and precast concrete products use Rheopel Plus, they have superior water repellency and secondary efflorescence control properties, increased strength performance, and improved color vibrancy. Rheopel Plus admixture also exhibits excellent wind-driven rain resistance and has achieved the highest rating per ASTM E 514.

• Require 15 years or more manufacturing expertise. Single source for veneer products and custom accents.

• Install flashing details should be identified on plans following best masonry flashing practices.

• Type N Mortar is recommended in a complementary or matching color. Type S mortar is acceptable, but not recommended. Type S is too strong and may create hairline shrinkage cracks. Mortar with a water repellent mortar additive is optional, but recommended for all exterior walls.

For the fastest delivery, select from our Ready Shape Catalog containing pre-engineered profiles and receive product in 5 - 6 weeks. Work with our experienced project management team through our various service programs to meet the timing and budget needs of the project.

INSTALLATION TIPS

Reading Rock’s Caliza Stone, like all concrete masonry products, may shrink slightly. The most common shrinkage/restraint issues come from drying shrinkage, temperature changes, carbonation and differential movement.

• Control joints are required at all openings, changes in wall height, between main intersecting walls, corners and for long running walls without openings at a distance of 1 1/2 times the height of the masonry, as outlined in TEK Guide 10-2B. The empirical method notes, that the distance is for the masonry only and if brick is used, it should be treated independently for “expansion” and the appropriate brick technical guidelines followed.

• Differential movement needs to be controlled when utilizing masonry products with clay products. Kiln fired clay brick expands as it absorbs moisture; and, concrete masonry units shrink.

• In using elastic (control) joints, refer to NCMA TEK Bulletins: 10-A Design of Concrete Masonry for Crack Control; 10-2B Control Joints for Concrete Masonry Walls – Empirical Method; 10-4 Crack Control for Concrete Brick and Other Concrete Masonry Veneers; and, 5-2A Clay and Concrete Masonry Banding Details for guidelines. Refer to NCMA TEK Bulletin 3-6B Concrete Masonry Veneers for proper veneer anchoring.

• Cavity wall construction is recommended with proper flashing, venting and weep holes. Install weep holes and vents at proper intervals and at any water stops over windows, doors and beams.

• Typical brick wall ties can be used depending on the backup structure. When seismic conditions occur, consult your local building codes for proper sizing and placement.

• All window sill and coping unit head joints should be raked and caulked with a matching color. Flushing should always be used in these locations.

• Clean Caliza Stone by wetting down the surface before using appropriate masonry cleaners such as Prosoco, Custom Masonry Block Cleaner, Vanatrol or EacoChem’s NMD80, following the manufacturer’s directions and rinse thoroughly. Power washing, sandblasting and the use of muriatic acid are not recommended procedures for cleaning. Cleaning should be completed on final wall installation within 14 - 21 days of installation.

For additional Tips, review our Field Reference Guide or visit www.readingrock.com
ABOUT READING ROCK

Since 1947, Reading Rock has had a passion for manufacturing quality building material products and providing exceptional services. While our level of dedication began on a small scale as a block manufacturer, today Reading Rock is recognized for solutions and services including: hardscapes, tile, architectural stone, brick, thin veneer, CMU and hearth. From the plant floor to the job site, we are committed to enhancing our customer partnerships through quick product turnaround, on-time delivery and our resolute focus on continuous improvement. At Reading Rock, we never relent on ways to improve our processes to ensure we exceed expectations. With state-of-the-art technology, certified technicians, in-house LEED® APs and GAs and engineers, we’re confident you’ll experience the Reading Rock difference by receiving the right products, on time, every time.

LIFETIME WARRANTY

Reading Rock, Inc. warrants its products to meet ASTM manufacturing guidelines and specifications provided the products have been installed, used and maintained according to accepted ASTM masonry standards and as recommended by the manufacturer. (For complete warranty information, please see the Reading Rock, Inc. Terms and Conditions of Sale on www.readingrock.com).