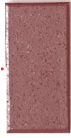


COMMON BOND

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Brick Distributors

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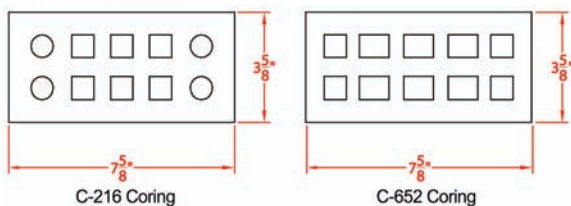


What Is the Difference Between C652 and C216?

By Gary Clark, District Sales Manager/Architectural Sales and Services and Jerry Carrier, Manager, Technical Services/Research

This question has been asked quite frequently the last few years. With an industry commitment to support sustainable (“green”) design, rising fuel costs, and higher freight rates, brick manufacturers have been experimenting with different core patterns. Current ASTM specifications for C216 require that the void area of a cored brick be no more than 25% of the total bed surface area. If core holes make up more than 25% of that area, they will need to be sold as C652 units (see Fig. 1). Although the standard specification changes, *the core hole size is the only principal difference*. The quality does not change. The overall dimensions do not change. The color does not change. The physical properties (i.e., compressive strength, durability, absorptions) do not change. The advantages to owners, contractors, distributors, and manufacturers far outweigh any disadvantages.

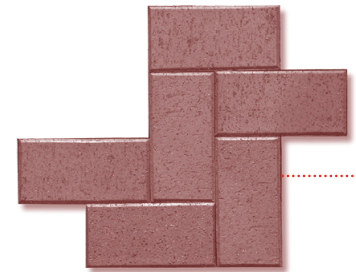
Fig. 1 - Coring Comparison



The difference in coring is barely noticeable between 25% in C216 (left) and 35% in C652 (right).

Figure 1 is *one example* of C652 coring above 25% and less than 35%. Coring configuration is at the discretion of the manufacturer; Glen-Gery does not plan on coring above 35%. All test results for C652 brick will include the average % void. This information will appear below the efflorescence test results.

Testing at the National Brick Research Center (NBRC) has indicated that when comparing C216 to C652—cored less than 35%—there is no significant difference in water penetration resistance or tensile



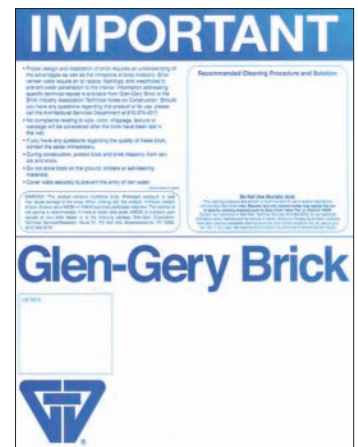
bond strength. Such findings have prompted the American Society for Testing and Materials (ASTM) to begin the process of balloting changes to C216 to allow coring up to 35%, contingent upon similar testing indicating similar performance.

Advantages of C652 Brick

1. *Decreased weight* – More brick can be shipped on a truckload, which in turn will reduce cost. Also, the lighter weight means masons can handle more brick, resulting in greater productivity on the jobsite. This also reduces cost.
2. *Environmentally responsible* – Lower kiln emissions will make us more friendly to the environment, and as a “resource efficient material,” will earn our product a better LEEDs score.

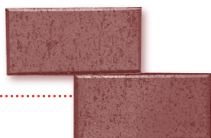
Special Considerations of C652 Brick

1. *Managing inventory* – Since the appearance of the finished face of C652 and C216 is *identical*, it can be somewhat challenging to tell the cubes apart. For this reason Glen-Gery has created a white cube label with bright blue lettering to designate C652 brick. On the new label the phrase “ASTM C652” appears below the brick dimensions and above the Grade/Lot #.



New cube label designating C652 brick.

CONTINUED ON PAGE 2



2. **Making sure the brick meets the spec** – Carefully review all project specifications for ASTM requirements. If C216 brick is specified on the building, we and our distributors must supply only C216 brick on that building. The C216/C652 classifications are not interchangeable. Note: Spec writers may be willing to alter their specification requirements if the similarities between C216 and C652 are explained and there is no specific code requirement for solid brick.

The addition of C652 brick to Glen-Gery’s product lineup gives our customers more flexibility in what they can offer and allows all of us to remain competitive in the marketplace. Please feel free to contact your Glen-Gery representative with any questions. Contact **Gary Clark** at 410-795-2912, GClark@glengerybrick.com.

Jerry Carrier may be reached at 610-562-3076, JCarrier@glengerybrick.com.

800-854-4727, or email at SBoothe@glengerybrick.com / GHill@glengerybrick.com. For more information on the standard specifications of C216 or C652, contact any of the following individuals:

Gary Clark
District Sales Manager / Architectural Sales and Services
Phone: 410-795-2912
e-mail: GClark@glengerybrick.com

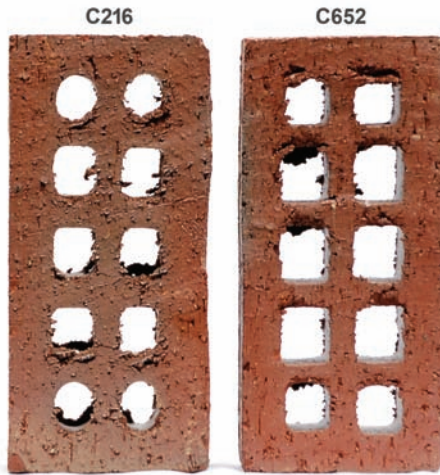
Jerry Carrier
Technical Services/Research
Phone: 610-562-3076
e-mail: JCarrier@glengerybrick.com

Ron Hunsicker
Manager, Architectural Services
Phone: 610-374-4011, ext. 243
RHunsicker@glengerybrick.com

Capitol Plant to Make C652

Capitol Plant is shifting its manufacturing emphasis to the production of ASTM C652, the Standard Specification for Hollow Brick. The majority of the plant’s product line is now being made to meet C652 specifications (see feature article on C652). Packaged product is easily identifiable by a bright blue cube label along with the C652 designation appearing between the dimension and Grade/Lot # information.

Capitol’s C652 modular size brick weigh slightly less than 3.4 lbs. vs 3.7 lbs. for the plant’s C216 brick. The 8%+ savings in weight means an extra 2-3 cubes of C652 modular size brick can be placed on a delivery truck, depending on the truck’s capacity. For Capitol’s engineer sizes, the weight difference is 4.1 lbs. for C652 vs 4.4 lbs. for C216.



Capitol Plant’s C216 and C652 products.

The plant will continue to manufacture brick to ASTM C216 specifications on an order-by-order basis, with runs currently scheduled to take place every 6 - 8 weeks. This month the plant is making C216 in modular and engineer sizes. Please review your orders and let Capitol know if you require brick that meets C216. Since inventory of C216 brick will be very limited, do not overlook this important detail when placing new orders.

Commercial projects may require that the brick meet the standard ASTM Designation C216. If so, this will be stated in the project’s specifications. It is very important that this be determined and communicated at the time you place the order.

If you have any questions concerning your Capitol orders or the changeover to C652, contact **Sarah Boothe** or **Glen Hill** at

Bigler Plant Update on C652

The first test run of C652 was done on a *Lightweight Series* product. Samples have been forwarded to Glen-Gery’s Technical Services/Research for testing and approval. The NBRC is also testing brick to allow certification.

Marseilles Plant Update on C652

The plant has been successful in making the following *Traditions Series* products in engineer size to C652 specifications: *Remington*, *Windsor* and *Calico*. Limited quantities are available for job work. The plant continues in its testing phase for additional C652 offerings.

Sure Klean® Custom Masonry Cleaner Alert

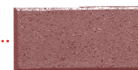
Do not use Prosoco Sure Klean® Custom Masonry Cleaner on brick containing manganese (*Cordovan Bronze*, *Wheaton*, *S/W72*, *S/W75*, *S/W93* and *51DDX*, for example). Field reports suggest that Custom Masonry Cleaner can react with the manganese additive, resulting in brown/black staining on brick and mortar. Remember, cleaning information on all Glen-Gery products appears in the last two columns of the *Price List*.

2006 Holiday Brick is Here!

Dress up your home or office this holiday season with *Holiday Brick*. “Christmas Greetings” shows a snowy post mounted mailbox overflowing with festively wrapped packages. The scene is dated for 2006.

Our second *Holiday Brick*, “Winter Greetings,” captures seasonal joyriding on a traditional wooden sled. Add up to two lines of text for a uniquely personalized touch. A brick choice of either *Red* or *Chambersburg* is offered. “Christmas Greetings” is available in *Chambersburg* only.

CONTINUED ON PAGE 3



Ideal for decorating or gift-giving, *Holiday Brick* are hand-painted on a genuine clay paver from Bigler Plant. A protective felt pad is included with each unit.



Orders are now being accepted.

Costs per brick are \$15.00, plus shipping charges. Add \$1.00 for one or two lines of text, available on "Winter Greetings" only. The deadline for placing orders is October 31. Orders are processed and shipped according to date of receipt. Contact **Susan LaFevre** at **800-854-4704** or ggnbrick@glengerybrick.com for more information or to place an order.

New Product

- See **Hanley Plant's** new red glaze G06-4039. Call the plant to order samples.

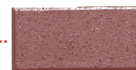
Plant Information

Please contact the individual plant if you have questions on the following information or if you need to place sample orders.

- Lead times at **Hanley Plant** are very good—approximately 8 weeks!
- Minor manufacturing adjustments to the *Traditions Series' Calico* have now made the characteristic muted shades of gray/black/white even softer in appearance. Samples of the new *Calico* are currently being made, including Type S. Call **Marseilles Plant** with any questions or to request samples.
- *Authentic Handmade* availability at **York Plant** is running 2 - 4 weeks on most products.
- Ready to ship at **Bigler Plant** – *Thin Brick* in modular and engineer sizes. *Come and get 'em!*
- **Hanley Plant** has inventories of most *Price List* items in modular size and some in standard size.
- Three **Marseilles Plant** products are now made in utility size: *Evanston, Bancroft* and *Wilmette*. Call about availability.
- **From Mid-Atlantic Plant's Shapes Department.** Providing the following information will keep your shapes jobs moving according to schedule and allow us to better serve you: 1) Keep the plant informed of the project's progress, especially any delays. 2) If the job has a large amount of shapes, supply a shipping schedule; Although it's possible that long deliveries may be quoted on the total order, a shipping schedule will help keep things moving forward. 3) Priority lists help the plant make your shapes in the order they are needed.

- Colored mortar prices at **Jersey Shale Plant** increased effective July 15. New price lists have been mailed. Call the plant if you did not receive one.
- Request for *Covington* molded from **Iberia Plant** are increasing. No wonder, this paver product is very complementary to other facebrick. Be sure to call about availability and samples.
- *Christmas in July.* With temperatures and humidity rising, now would be the perfect time to think about ordering your *2006 Holiday Brick* from **Bigler Plant**. (See related article.)
- Availability has improved at **Caledonia Plant**. In most cases, the plant can have brick for you in two weeks!. Give them a call at **800-854-9140** to place an order.
- **Capitol Plant** has Type S samples for all modular size products. If you need to replenish your showroom stock, now is the time to call or fax in your orders.
- Please inform your trucking companies that any van dispatched to **Redfield Plant** for loading, must be able to accommodate the secure tie-down of the brick cargo. The plant has some materials to help with this; however, there will be a minimal charge for the materials used. The plant also requests 24-hour notice when sending in vans.
- Let **Hanley Plant** know of your immediate sample needs.
- Please provide the following job information when placing an order at **Jersey Shale Plant**:
 - Name of project
 - Physical location/exact address or full name of street, avenue, etc.
 - Site limitations (i.e. sidewalks, fences, parked cars, etc.)
 - Contact name and phone number, if at all possible
 - **Acceptable delivery times!**
- **York Plant's** production of extruded engineer (3-5/8x2-3/4x7-5/8) size is scheduled for August.
- *Econo* size (3-1/2x3-5/8x7-5/8) is on **Iberia Plant's Price List**; however, the plant does not keep large quantities in stock. Mostly, *econos* are used as closures for utilities. If you are working a job that requires more than 25M, advise the plant so that your order can be worked into the schedule.
- Please take note of the texture differences when combining **Caledonia Plant's Thin Brick** and companion modular brick on the same wall. The texture of *Thin Brick* is smooth while that of modular is velour. This distinction applies to *Aberdeen, Bayhill, Cedar Lake, Olde Detroit* and *Nob Hill*.
- **Jersey Shale Plant** is changing over its extruding process to now make brick with 10-core holes. Currently, the plant has *333 Old Williamsburg* and *912 Virginia Blend* (both modulars) in the new 10-core configuration. As products are converted, announcements will be made in the *CommonBond*.

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- **Iberia Plant's** new dispatcher is **Samantha Sayers**. While new to Iberia, she had previously worked in the Sample Dept. at Caledonia Plant. When you call for information about shipments, be sure to ask for "Sam."
- Use of utility size brick is increasing. Check with **Hanley Plant** for products that are now available in inventory in utility size.
- When requesting information on brick certification from **Redfield Plant**, please give the project name. The plant will also ask for the project name when you order field panels.
- Just a reminder that **Marseilles Plant** strictly enforces its 14/30 day policy on all orders sold as "Specials." Keep the plant up-to-date on shipping schedules to avoid risk of cancellation.

SUMMER LOADING HOURS

Bigler:	7:00 AM – 5:00 PM
Caledonia:	7:00 AM – 4:00 PM
Capitol:	6:00 AM – 4:30 PM
Hanley:	7:00 AM – 4:00 PM
Iberia:	7:00 AM – 4:00 PM
Jersey Shale:	6:00 AM – 4:00 PM
Marseilles:	6:00 AM – 4:00 PM
Mid-Atlantic:	7:00 AM – 4:30 PM
Redfield:	7:00 AM – 4:00 PM
York:	7:00 AM – 4:00 PM

2-Week Guaranteed Available Brick.

Bigler Plant

Silverbrook mod. & engineer, Wilmot eng.

Caledonia Plant

Nob Hill, Rosewood, Aberdeen (all modular)

Iberia Plant

Adrian, Shelby, Wyandot (all modular)

Jersey Shale Plant

333 Old Williamsburg mod. cored, 912 Virginia Blend mod. cored, 900 Red Matt std. solid

Marseilles Plant

St. Thomas, Cabernet, Cashmere (all modular)

Redfield Plant

Yukon White, Crimson Pointe, Ashland (all modular)

The program assures availability 14 days from *date of order* and applies to *individual residential orders only*. For more information, contact your Customer Service Representative or District Sales Manager.

If you need a 6:00 AM early ticket from Jersey Shale, please call by 3:00 PM the day before; at Capitol call no later than 4:30 PM the day before. Early tickets at both plants can be picked up at 6:00 AM. Early and late tickets at Capitol must be called in by 4:00 PM. Bigler trucks must be at the plant by 4:00 PM. Call Bigler by 3:30 pm to arrange paperwork for late pick-ups. Mid-Atlantic and York Plants start loading at 6:00 AM if ticket is called in by 4:00 PM the day before.

