## **GravityStone® Fat Face & Fat Face 2/3 Scored**



Fat Face





Fat Face - 2/3 Scored

Part of the GravityStone family of wall systems, Fat Face and Fat Face 2/3 Scored provide a strong, durable, and attractive retaining wall solution for a variety of site conditions. Fat Face is our original split face unit. Fat Face 2/3 Scored is a three-piece set. Two units have a chamfered score located 2/3 along the length of the split face; the third unit an unscored split face. All three have well-defined chamfers molded into each end providing a distinctive sculptured appearance.

Both styles are one square foot blocks. The open-core design optimizes interlock from one course to the next with a "rock-to-rock" connection. For additional design flexibility, both Fat Face and Fat Face 2/3 Scored can be integrated together and used in combination with the GravityStone Modular System.









## **Composition & Performance**

Fat Face and Fat Face 2/3 Scored are produced under controlled factory conditions, molded from a cement-rich mixture blended with select aggregates and pure iron oxide pigments formed under extreme pressure and vibration. Both style can create straight, concave, or convex retaining walls in either a vertical or battered configuration using a unique reversible alignment plug. When used with geogrid, walls as tall as 20' and higher can be constructed.

## Physical Characteristics

Ideal's wall products meet or exceed North American industry standards, including ASTM C1372 Standard Specification for Drycast Segmental Retaining Wall Units. Strict quality control ensures consistent strength and durability.



Granite Gray Fat Face & 2/3 Scored



Vineyard Blend Fat Face & 2/3 Scored



Quarry Blend Fat Face



## Fat Face - 2/3 Scored

Fat Face:	Single standard unit
Face Face - 2/3 Scored:	2 scored units, 1 standard unit
Dimensions:	18" l x 8" h x 11.25" d
Weight:	75 lbs
Face Area:	1 sf/unit
Corner Unit:	15"l x 8" h x 6" d
Compressive Strength:	4500 psi minimum
Water Absorption:	7% maximum
Dimensional Tolerance:	± 1/8"
Wall Batter:	Vertical to 4.5° (3/4" per foot)

WALLS WITH STYLE™

# GravityStone<sup>®</sup> Fat Face & Fat Face 2/3 Scored

## **Design Considerations**

Ideal provides general information on design and construction. In all cases, the user should exercise diligence in determining its suitability for the side. Walls 4' and higher, terraced walls, and sites with weak soils, slopes and surcharges require special consideration and construction techniques, including the use of geogrid. These conditions require the services of a qualified soils engineer and a professional contractor familiar with wall construction. Always comply with local building codes.

## **Fat Face Installation**

#### Leveling Pad

Prepare a foundation by excavating and filling with a minimum of 6" of crushed stone, ensure it is level and compacted.

#### Laying the First Course

Begin the first course by starting at the lowest elevation. After placing a string line, position each Face block along the line, level side to side and front to back, using a rubber mallet to seat the block. Place perforated pipe behind.

#### Placing Plugs

After completing each course, place a Reversible Alignment Plug into each of the two plug cores cast into the top of each block. Placing the Plug in the forward position will create a vertical wall, reversing the plug will create a 1/12 {4.5 degree} batter.

#### **Backfill/Compaction**

After reaching a maximum of three courses, backfill the GravityStone units with the specified aggregate, filling the core of the face units and an additional 12" behind. Compact the soil with a vibratory compactor to the proper density. Sweep debris from the top of the blocks before starting the next block course.

#### **Placing Geogrid**

Following the engineer's design, place the Geogrid at the proper course and to the specified length. Make sure that the Geotextile is in full contact with the soil.

## **Technical Information & Services**

We recommend WSB Design software, Ideal's Contractor's Guide to Installing SRWs, and NCMA's SRWs Best Practice Guide as resources for design and technical information. We provide design consultation, including free Preliminary Engineering Design Service, specification assistance and job-site quality review.











## Capping the Wall

Once the body of the wall is complete, permanently affix a Cap Block to the Face Block using an approved concrete adhesive parallel to the wall face on both sides of the plug holes. Place the Cap Block onto the adhesive, making sure of its proper position.





Always wear proper safety equipment when cutting or sawing concrete products

A white deposit known as efflorescence may appear naturally on any concrete or masonry product. It does not affect the structural integrity and will dissipate over time. Efflorescence is not indicative of a flawed product. For more information, ask for our Efflorescence Advisory



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