

GravityStone® Fat Face & Fat Face-2/3 Scored



GravityStone® Fat Face & Fat Face - 2/3 Scored

INTRODUCTION

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 ideally suited for commercial, municipal and residential walls. 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, the units are formed under extreme pressure and vibration. Both styles 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.

Fat Face:	Single standard unit
Fat Face - 2/3 Scored:	2 scored units, 1 standard unit
Dimensions:	11.25"d x 8"h x 18"l
Weight:	80 lbs
Face Area:	1 sf/unit
Corner Unit:	6"d x 8"h x 15"l
Compressive Strength:	4500 psi minimum
Water Absorption:	7% maximum
Dimensional Tolerance:	+/- 1/8"
Wall Batter:	Vertical to 4.5° (3/4" per foot)

TECHNICAL INFORMATION & SERVICES

Contact our office or visit www.PaversbyIdeal.com for design and technical information, including **WBS** Design software, **Ideal's** Contractor's Guide to Installing SRWs, and **NCMA's** SRWs Best Practice Guide. We provide design consultation, including free Preliminary Engineering Design Service, specification assistance and job-site quality review.

DESIGN CONSIDERATIONS

Ideal provides general information on design and construction. In all cases, the user should exercise diligence in determining its suitability for the site. 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.

GENERAL CONSTRUCTION GUIDELINES

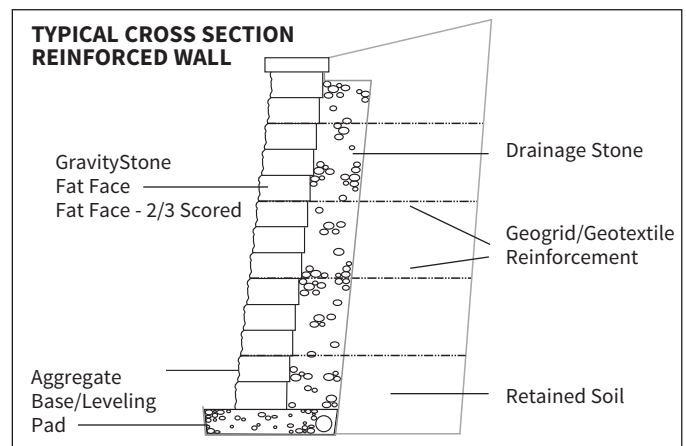
BASE: Establish a level, well-compacted, dense-graded aggregate base a minimum 8" below finished grade. Install perforated pipe as shown on the plans.

PLACEMENT OF FIRST COURSE OF BLOCKS: Block in the first course must be placed and carefully leveled front-to-back and side-to-side. For vertical walls, insert alignment plug in the forward position. For walls intended to batter, place the plug in the rear position. Fill the cores with graded stone. Place and compact dense-graded aggregate to fill the trench.

CONSTRUCTING THE WALL: Install additional courses in a running bond pattern, aligning the face of the units in a vertical position or with a 1/2" step-back as shown on the plans. Cut as needed to maintain a stagger. Insert plugs and fill cores with graded stone. Backfill and compact between and behind the units with graded stone. Repeat for each course.

REINFORCED RETAINING WALLS: When used, place geogrid as shown on the plans. Install with the design strength perpendicular to the wall. Avoid overlapping adjacent sheets. Use care not to damage grid when backfilling and compacting.

CAPPING WALL: Affix Ideal's Universal Coping™ or natural stone coping using construction-grade adhesive. Add a 4" layer of low permeability soil behind it, cover with topsoil and add plantings.



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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Traditional & Permeable Pavers ■ Landscape Retaining Walls ■ Natural Stone
Manufactured by Ideal Concrete Block Co.

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