

GravityStone® Fat Face



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INTRODUCTION

Part of the GravityStone family of wall systems, Fat Face provides a strong, durable, and attractive retaining wall solution for a variety of site conditions.

Fat Face is a one square foot block 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, Fat Face can be used in combination with the GravityStone Modular System.

COMPOSITION & PERFORMANCE

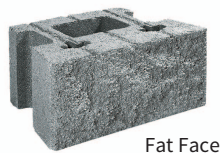
Fat Face is produced under controlled factory conditions. Molded from a cement-rich mixture blended with select aggregates and pure iron oxide pigments, the units are formed under extreme pressure and vibration. Fat Face can create straight, concave or convex retaining walls in either a vertical or battered 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:

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



Fat Face



Corner Unit

TECHNICAL INFORMATION & SERVICES

Contact our sales offices 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.

Always comply with OSHA requirements on PPE and exposure limits when cutting or sawing concrete products.

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

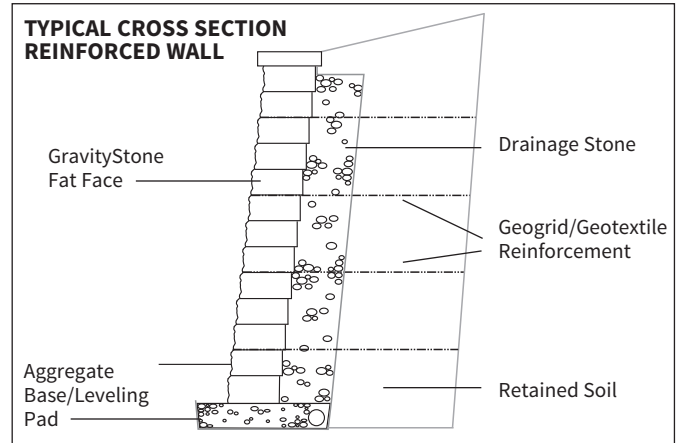
BASE: Place and compact a level, dense-graded aggregate base 6" or thicker with a finished elevation a minimum 8" below finished grade. Install perforated pipe as shown on the plans.

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 WALLS: Install additional courses in a running bond pattern, aligning the face of the units in a vertical position or with 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.



A white haze known as efflorescence may randomly appear on the surface of units. It does not affect the structural integrity and will dissipate over time. Because efflorescence is a natural by-product of cement hydration, its presence is not indicative of a flawed product and not covered under our warranty. For more information, please 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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