

KEYSTONE UNITS

STANDARD UNIT

The Standard unit stands head and shoulders above the rest. Structural stability and ease of construction are only two of the many features which make it a great retaining wall product for any of the following applications.

- Simple gravity retaining walls up to six feet high (1.8m)(see "DESIGN CHARTS" for specific height limitations which will vary).
- All critical geogrid reinforced or MSE (mechanically stabilized earth) retaining walls.
- Step applications.

Listed below are the Standard unit's volume and weight specifications (with metric equivalents):

ROUGH DIMENSION-8"H x 18"W x 21-1/2"D (20.3cm x 45.7cm x 54.6cm)

SQUARE FOOT FACE AREA OF UNIT-1 square foot (.093m²)

VOLUME OF UNIT SOLID-.76ft³ (.021m³)

(1) VOLUME OF ALL UNIT VOIDS-.30ft³ (.009m³)

(1) VOLUME OF UNIT FILL AREA IN & AROUND UNIT TO BACK OF UNIT TAIL-.90ft³ (.026m³)

(1) VOLUME OF GRAVEL TO FILL UNIT TO MIN. 24" (61cm) DEPTH-1.16ft³ (.033m³)

VOLUME OF CONCRETE TO FILL UNIT TO BACK OF UNIT TAIL-.90ft³ (.026m³)

(2) WEIGHT OF UNIT PER SQ FT FACE-95lbs. (43Kg)

(3) WEIGHT OF UNIT PER SQ FT FACE WITH GRAVEL FILL-191lbs. (86Kg)

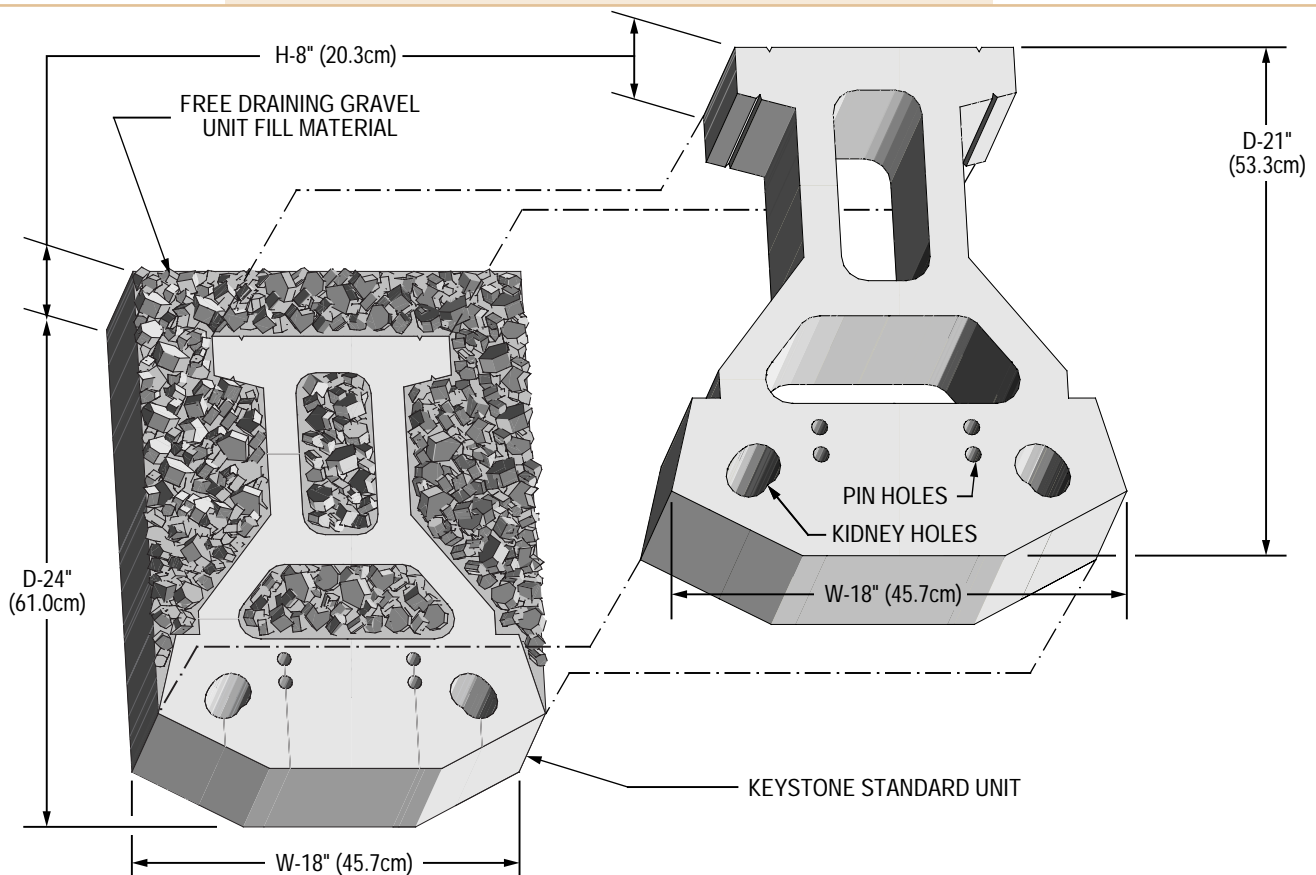
(4) WEIGHT OF UNIT PER SQ FT FACE WITH CONCRETE FILL-201lbs. (91Kg)

(1) Volumes of fill material do not include shrinkage or waste.

(2) Unit weight may vary by geographic region due to variations in local materials.

(3) Assumes only the fill contained within the depth of the unit to be effective. Gravel is calculated at 135 lbs./ft³ (2170Kg/m³) at 80% effective weight.

(4) Same assumption as in #3 but with concrete calculated at 150 lbs./ft³ (2410Kg/m³) ft. at 80% effective weight.



KEYSTONE UNITS

The Compac unit is the leader in its class. It is a solid one piece modular wall unit which maintains the same design characteristics as the larger Standard unit. The following are a list of suitable applications:

- Simple gravity retaining walls up to three feet high (1m) (see "DESIGN CHARTS" for specific height limitations which will vary).
- Geogrid reinforced or MSE (mechanically stabilized earth) retaining walls.
- Step applications.

Listed below are the Compac unit's volume and weight specifications (with metric equivalents):

ROUGH DIMENSION-8"H x 18"W x 12"D (20.3cm x 45.7cm x 30.5cm)

SQUARE FOOT FACE AREA OF UNIT-1 square foot (.093m²)

VOLUME OF UNIT SOLID-.62ft³ (.018m³)

(1) VOLUME OF ALL UNIT VOIDS-.11ft³ (.003m³)

(1) VOLUME OF UNIT FILL AREA IN & AROUND UNIT TO BACK OF UNIT TAIL-.27ft³ (.008m³)

(1) VOLUME OF GRAVEL TO FILL UNIT TO MIN. 24" (61cm) DEPTH-1.30ft³ (.037m³)

VOLUME OF CONCRETE TO FILL UNIT TO BACK OF UNIT TAIL-.27ft³ (.008m³)

(2) WEIGHT OF UNIT PER SQ FT FACE-85lbs. (39Kg)

(3) WEIGHT OF UNIT PER SQ FT FACE WITH GRAVEL FILL-114lbs. (52Kg)

(4) WEIGHT OF UNIT PER SQ FT FACE WITH CONCRETE FILL-117lbs. (53Kg)

(1) Volumes of fill material do not include shrinkage or waste.

(2) Unit weight may vary by geographic region due to variations in local materials.

(3) Assumes only the fill contained within the depth of the unit to be effective. Gravel is calculated at 135 lbs./ft³ (2170Kg/m³) at 80% effective weight.

(4) Same assumption as in #3 but with concrete calculated at 150 lbs./ft³ (2410Kg/m³) at 80% effective weight.

