

ASHLAR

SPALTED OAK ASHLAR



GEOLOGY: schist

BASIC USE

exterior walls of buildings and fireplaces
stone shall be mortared in

COLOR RANGE

grays, tans, charcoals, whites, buffs, blues,
tans, dark grays, beiges, with occasional
oranges, browns, and black

COLOR CONSISTENCY PER PALLET

somewhat consistent

WEIGHT CALCULATED IN INCHES

l x w x h / 1728 (inches cubed) x 170
= approx 170 pounds per cubic foot

PALLET

FULL VENEER: 4,000 pounds

THIN VENEER: 10-15 lbs/ft²; Qty Bx or Sm Bx
Qty Bx - 100 sq ft flats and 50 lineal ft corners
Sm Bx - (24) 8 sq ft flats (192 sq ft) and
(20) 8 lineal ft corners (160 lineal ft)



FULL VENEER

COMMON COVERAGE *Est.(can vary)

Standard Joint	Drystack	Overgrout
35 square feet / ton	25 ft ² /ton	45 ft ² /ton

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DIMENSIONS

US: inches (average) METRIC: mm (average)

l: 6" to 24" (12") l: 152 to 609 (304)

h: 1/2" to 6" h: 13 to 152

w: 3" to 5" (4") w: 76 to 127 (101)

sides of stone shall be no less than 3-1/2
inches in width; stone shall not vary in height
more than 1/2 an inch in a 12 inch span

EXAMPLE

a stone that is 24 inches long could have a
height of 6 inches on one end and 5 inches
on the other end and be acceptable

TYPICAL PIECE

ends square;
natural cleft top and bottom;
back, face and sides split;
stone is mostly rectangular

PART NUMBERS

FULL VENEER

part number: 1BSTGRA03012TN

THIN VENEER

qty bx flat: 1BTVGRA03012QB
sm bx flat: 1BTVGRA03012BX
qty bx corner: 1BTVGRA03512QB
sm bx corner: 1BTVGRA03512BX

ASTM TESTING DATA

HIGHLAND SCOTCH | BARNWOOD BLUE C97

water absorption—1.4% | 0.5%

HIGHLAND SCOTCH | BARNWOOD BLUE C97

specific gravity—2.54 | 2.75

HIGHLAND SCOTCH | BARNWOOD BLUE C97

density—158.4 pcf | 171.8 pcf

HIGHLAND SCOTCH | BARNWOOD BLUE C99

modulus of rupture perpendicular

dry—2,460 psi | 3,490 psi

modulus of rupture perpendicular

wet—2,050 psi | 2,920 psi

modulus of rupture parallel

wet—1,308 psi | n/a

HIGHLAND SCOTCH | BARNWOOD BLUE C170

compressive strength parallel

dry—n/a | 12,260 psi

compressive strength parallel

wet—14,180 psi | 9,770 psi

compressive strength perpendicular

wet—12,920 psi | 11,220 psi

compressive strength perpendicular

dry—n/a | 15,300 psi

THIN VENEER

COMMON COVERAGE PER BOX *Est.(can vary)

Standard Joint	Drystack	Overgrout
8 & 100 square feet	6 & 75 ft ²	10 & 110 ft ²

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DIMENSIONS

US: inches (average) METRIC: mm (average)

l: 6" to 24" (12") l: 152 to 533 (304)

h: 1/2" to 6" h: 12 to 152

w: 3/4" to 1-1/4" (1") w: 19 to 31 (25)

corner return 3" to 6" cr: 76 to 152
stone shall not vary in height more than 1/2
an inch in a 12 inch span

EXAMPLE

a stone that is 24 inches long could have a
height of 6 inches on one end and 5 inches
on the other end and be acceptable

TYPICAL PIECE

ends square;
natural cleft top and bottom;
face and sides split; back is sawn;
stone is mostly rectangular