



CASTLE ROCK
SPALTED OAK
CASTLE ROCK

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

SPALTED OAK CASTLE ROCK

DIMENSIONS

US: inches (average)	METRIC: mm (average)
l: 4" to 24" (14")	l: 101 to 609 (355)
h: 4" to 12"	h: 101 to 305
w: 3" to 5" (4")	w: 76 to 127 (101)

TYPICAL PIECE

ends somewhat square;
 split or natural split top, bottom, and sides;
 bedface face and back;
 stone is squares and rectangles

PART NUMBERS

FULL VENEER

part number: 1BSTGRA04004TN

THIN VENEER

qty bx flat: 1BTVGRA03022QB
 sm bx flat: 1BTVGRA03022BX
 qty bx corner: 1BTVGRA03522QB
 sm bx corner: 1BTVGRA03522BX

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

SPALTED OAK CASTLE ROCK

DIMENSIONS

US: inches (average)	METRIC: mm (average)
l: 4" to 24" (14")	l: 101 to 609 (355)
h: 4" to 12"	h: 101 to 305
w: 3/4" to 1-1/4" (1")	w: 19 to 31 (25)

corner return 3" to 6" cr: 76 to 152

TYPICAL PIECE

ends somewhat square;
 split or natural split top, bottom, and sides;
 bedface face and sawn back;
 stone is squares and rectangles



www.buechelstone.com