ASHRIDGE CHOPPED

COLOR/CHARACTERISTICS: Ashridge Chopped is a Class III Quartzitic Sandstone That Is mostly blue-gray in color with some brown

FEATURES:
- Heights 4” - 6”, Random Lengths up to 18”
- 50/50 blend of split-face and bed-face

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
- DENSITY: 161.77 lb/ft³
- SPECIFIC GRAVITY: 2.592
- ABSORPTION: .59%

ASTM C 170
- COMPRESSIVE STRENGTH: 27721 psi
BLACK HILLS RUSTIC

COLOR/CHARACTERISTICS: Brown and rust with red tones

FEATURES:
- Full Veneer: 100% Seam-face/Bed-face
- ThinCut™ Veneer: 50% seam-face, 50% bed-face

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
- DENSITY: 155.34 lb/ft³
- ABSORPTION: 3.0%

ASTM C 170
- COMpressive STRENGTH: 23,814 psi  CLASS III QUARTZITE

ASTM C 880
- FLEXURAL STRENGTH: Perpendicular: 3,065 psi

ASTM C 97
- BULK SPECIFIC GRAVITY: 2.561  CLASS II QUARTZITIC SANDSTONE

*This information is based on test results by Pacific Materials Laboratory*
BLUE RIVER

COLOR/CHARACTERISTICS: Gray with some variegation

FEATURES:
- Random Height: 100% Split-face
- Dimensional: Sawn heights, split-face and ends

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 880
FLEXURAL STRENGTH:
Perpendicular: 2,304  Parallel: 2,303

ASTM C 170
COMPRESSION STRENGTH:
Perpendicular Area 4.512  PS 17,778
Parallel Area 4.553  PS 19,034

ASTM C 97
SPECIFIC GRAVITY: 2.68
ABSORPTION: 0.34%

*This information is based on test results by PSI, Inc. in St. Louis, MO.
>> BRENTWOOD

COLOR/CHARACTERISTICS: Range of chocolate to light brown, buff and gray. Some pieces have a beautiful texture resembling wood rings on a tree.

FEATURES: Natural bed heights that range between 4” - 9” in height, with the split-face and natural edge exposed.

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>ASTM C 97</th>
<th>Density: 151.55 lb/ft³</th>
<th>Specific Gravity: 2.429</th>
<th>Absorption: 1.81%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLASS II QUARTZITIC SANDSTONE</td>
<td>CLASS III QUARTZITE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASTM C 99</th>
<th>Modulus of Rupture: 1,554 psi</th>
<th>CLASS III QUARTZITE</th>
<th>10.71 Mpa</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ASTM C 170</th>
<th>Compressive Strength: 11,403 psi</th>
<th>CLASS III QUARTZITE</th>
<th>78.61 Mpa</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ASTM C 241</th>
<th>Abrasion Resistance: 52.58</th>
<th>CLASS III QUARTZITE</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ASTM C 880</th>
<th>Flexural Strength:</th>
<th>Perpendicular: 3,065 psi</th>
<th>Parallel: 21.13 Mpa</th>
</tr>
</thead>
</table>

X-RAY DIFFRACTION MINERALOGICAL ANALYSIS
FREE SILICA CONTENT: 93% CLASS II QUARTZITIC SANDSTONE

STATIC COEFFICIENT OF FRICTION
DRY: 1.21  WET: .94
CANADIAN LEDGE

COLOR/CHARACTERISTICS: Class III Quartzitic Sandstone with a range of colors from light buff to dark brown and rust shades

FEATURES:
- 3” - 5” Heights, Random Lengths
- 50% snapped to 50% natural edge

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
- DENSITY: 155.43 lb/ft³
- SPECIFIC GRAVITY: 2.561
- ABSORPTION: 1.6%

ASTM C 170
- COMPRESSIVE STRENGTH: 23,814 psi

ASTM C 880
- AVERAGE FLEXURAL STRENGTH: 3,065 psi

STATIC COEFFICIENT OF FRICTION: DRY: 1.21 WET: .94
CEDAR RIDGE

COLOR/CHARACTERISTICS: Light gray with light buff to white mottling

FEATURES:
- Random Height: 100% Split-face
- Dimensional: Sawn heights, split-face and ends

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>ASTM C 880</th>
<th>Perpendicular: 1,160</th>
<th>Parallel: 1,183</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLEXURAL STRENGTH:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASTM C 170</th>
<th>Perpendicular Area: 4.512</th>
<th>PS 8,390</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPRESSIVE STRENGTH:</td>
<td>Parallel Area: 4.424</td>
<td>PS 11,556</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASTM C 97</th>
<th>2.62</th>
<th>2.22%</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIFIC GRAVITY:</td>
<td>ABSORPTION:</td>
<td></td>
</tr>
</tbody>
</table>

*This information is based on test results by PSI, Inc. in St. Louis, MO.*
## CHESTNUT HILL

**COLOR/CHARACTERISTICS:** Brown and rust with red tones

**FEATURES:**
- Full Veneer: 100% Seam-face/Bed-face
- ThinCut™ Veneer: 50% Seam-face, 50% Bed-face

Available in Full Veneer & ThinCut™

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Standard</th>
<th>Property</th>
<th>Value</th>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM C 97</td>
<td>Density</td>
<td>155.34 lb/ft³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Absorption</td>
<td>3.0%</td>
<td></td>
</tr>
<tr>
<td>ASTM C 170</td>
<td>Compressive Strength</td>
<td>23,814 psi</td>
<td>Class III Quartzite</td>
</tr>
<tr>
<td>ASTM C 880</td>
<td>Flexural Strength Perpendicular</td>
<td>3,065 psi</td>
<td></td>
</tr>
<tr>
<td>ASTM C 97</td>
<td>Bulk Specific Gravity</td>
<td>2.561</td>
<td>Class II Quartzitic Sandstone</td>
</tr>
</tbody>
</table>

*This information is based on test results by Pacific Materials Laboratory*
DEER HAVEN

COLOR/CHARACTERISTICS: Light tan to brown with some gray tones

FEATURES:
100% Bed-face material with random heights from 3" to 6"
Random lengths

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
BULK SPECIFIC GRAVITY  2.387  CLASS II QUARTZITIC SANDSTONE
BULK SPECIFIC GRAVITY, SSD  2.459
APPARENT SPECIFIC GRAVITY  2.5718

ABSORPTION:  3.0%

ASTM C 170
COMPRESSIVE STRENGTH:  7,500 psi  CLASS III QUARTZITE

ASTM C 880
FLEXURAL STRENGTH:  Perpendicular: 3,065 psi

*This information is based on test results by Pacific Materials Laboratory
FOND DU LAC

COLOR/CHARACTERISTICS: Range of light buff to light gray.

FEATURES: Range of heights from 2” to 6” with random lengths up to 40”
100 % split-face material

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
DENSITY: 1673 (pcf)
SPECIFIC GRAVITY: 2.683
ABSORPTION: 0.6%

ASTM C 99
MODULUS OF RUPTURE: 3,390 PARALLEL
MODULUS OF RUPTURE: 3,430 PERPENDICULAR

ASTM C 170
COMPRESSION STRENGTH: 19,080 (psi) PARALLEL
COMPRESSION STRENGTH: 24,310 (psi) PERPENDICULAR

ASTM C 880
FLEXURAL STRENGTH: Perpendicular: 2,470 (psi) Parallel: 2,470 (psi)
GUNSMOKE GRAY

COLOR/CHARACTERISTICS: Gray with darker variegation

FEATURES:
  Random Height: 100% Split-face
  Dimensional: Sawn heights, split-face and ends

WEIGHT: 145 per cu. ft., so depending what thickness you are looking at using, will determine what it correlates to on a square foot basis.

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
SPECIFIC GRAVITY: 2.121
ABSORPTION: 6.13%

ASTM C 99*
MODULUS OF RUPTURE: 801 psi

ASTM C 170*
COMPRESSIVE STRENGTH: 8,138 psi

Testing was performed in general accordance with the following ASTM Standards. This information is based in October 2003 test results by Construction Consulting & Testing, Inc.

*C 99 and C 170 were performed under the dry condition, perpendicular to the bedding planes.
MOJAVE LEDGE

COLOR/CHARACTERISTICS: Wide range of color & texture, including white, tans, browns, golds and rusts

FEATURES:
   Up to 50% may be angled slightly and/or dramatically. Random heights 1.5” to 3”
   Random lengths 8” to 20”

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
   BULK SPECIFIC GRAVITY: 2.387
   DENSITY: 155.34 lbs./ft³
   ABSORPTION: 3.0%

ASTM C 170
   COMPRESSIVE STRENGTH: 7500 psi
   CLASS III QUARTZITE

*This information is based on test results by Pacific Materials Laboratory
PINE RIDGE

COLOR/CHARACTERISTICS: Brown and rust with red tones

FEATURES:
- Full Veneer: 100% Seam-face/Bed-face
- ThinCut™ Veneer: 50% Seam-face, 50% Bed-face

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
- DENSITY: 161.77 lb/ft³
- SPECIFIC GRAVITY: 2.592
- ABSORPTION: 0.59%
**RUSTIC BLUE**

COLOR/CHARACTERISTICS: Light blue/gray with some buff variegation

FEATURES:
- Random Height: 100% Split-face
- Dimensional: Sawn heights, split-face and ends

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Standard</th>
<th>ASTM C 880</th>
<th>FLEXURAL STRENGTH:</th>
<th>Perpendicular: 1,160</th>
<th>Parallel: 1,183</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ASTM C 170</td>
<td>COMPRESSIVE STRENGTH:</td>
<td>Perpendicular Area 4.512</td>
<td>PS 8,390</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Parallel Area 4.424</td>
<td>PS 11,556</td>
</tr>
<tr>
<td></td>
<td>ASTM C 97</td>
<td>SPECIFIC GRAVITY:</td>
<td>2.62</td>
<td>ABSORPTION: 2.22%</td>
</tr>
</tbody>
</table>

*This information is based on test results by Geotechnology, Inc. in St. Louis, MO.*
**RUSTIC CEDAR**

COLOR/CHARACTERISTICS: Buff with some blue and gray veining

FEATURES:
- Random Height: 100% Split-face
- Dimensional: Sawn heights, split-face and ends

Available in Full Veneer & ThinCut™

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>ASTM C 97</th>
<th>DENSITY: 154.6 lb/ft³</th>
<th>ABSORPTION: 3.54%</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ASTM C 170</th>
<th>DRY CONDITION</th>
<th>WET CONDITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPRESSIVE STRENGTH</td>
<td>Parallel: 17,002 psi</td>
<td>Parallel: 11,919 psi</td>
</tr>
<tr>
<td></td>
<td>Perpendicular: 21,591 psi</td>
<td>Perpendicular: 19,787 psi</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASTM C 880</th>
<th>DRY CONDITION</th>
<th>WET CONDITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLEXURAL STRENGTH</td>
<td>Parallel: 1,743 psi</td>
<td>Parallel: 1,248 psi</td>
</tr>
<tr>
<td></td>
<td>Perpendicular: 922 psi</td>
<td>Perpendicular: 834 psi</td>
</tr>
</tbody>
</table>

Testing was performed in general accordance with the following ASTM Standards.

This information is based on test results by The Council of North America, Inc.
STONEYBROOK

COLOR/CHARACTERISTICS:
100% SPLIT FACE LIMESTONE: Gray with a touch of blue & mauve
100% BED FACE LIMESTONE: Range of lavenders, browns, gray & mauve

FEATURES: 100% Split-face - Range of heights from 2” to 6” with random lengths up to 40”
100% Bed-face - 6’, 8’, 12” and 18” heights with random lengths up to 40”
(ThinCut™ cannot exceed 10.5” heights)

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>ASTM C 97</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DENSITY:</td>
<td>176.5 (pcf)</td>
<td></td>
</tr>
<tr>
<td>SPECIFIC GRAVITY:</td>
<td>2.83</td>
<td></td>
</tr>
<tr>
<td>ABSORPTION:</td>
<td>0.2%</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>ASTM C 99</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MODULUS OF RUPTURE:</td>
<td>2,630 (psi)</td>
<td>PARALLEL</td>
</tr>
<tr>
<td>MODULUS OF RUPTURE:</td>
<td>2,980 (psi)</td>
<td>PERPENDICULAR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASTM C 170</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>COMRESSIVE STRENGTH:</td>
<td>24,500 (psi)</td>
<td>PARALLEL</td>
</tr>
<tr>
<td>COMRESSIVE STRENGTH:</td>
<td>21,030 (psi)</td>
<td>PERPENDICULAR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASTM C 880</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FLEXURAL STRENGTH:</td>
<td>Perpendicular: 1,660 (psi)</td>
<td>Parallel: 1,890 (psi)</td>
</tr>
</tbody>
</table>
WEATHERED FIELDSTONE

COLOR/CHARACTERISTICS: Weathered Fieldstone is a naturally occurring sandstone material, weathered naturally by the effects of its environment. Harvested from the hills of Southern Missouri and Northern Arkansas, it is then shipped to our fabrication facility in Perryville Missouri, where it is fabricated into building stone veneer, full bed depth and ThinCut™ veneer.

FEATURES:

- Random Height: 100% Split-face
- Dimensional: Sawn heights, split-face and ends

Available in ThinCut™

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>ASTM C 97</th>
<th>SPECIFIC GRAVITY: 2.121</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ABSORPTION: 6.13%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASTM C 99*</th>
<th>MODULUS OF RUPTURE: 801 psi</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ASTM C 170*</th>
<th>COMRESSIVE STRENGTH: 8,138 psi</th>
</tr>
</thead>
</table>

Testing was performed in general accordance with the following ASTM Standards. This information is based on test results by Construction Consulting & Testing, Inc.

*C 99 and C 170 were performed under the dry condition, perpendicular to the bedding planes.
WESTON CREAM

COLOR/CHARACTERISTICS: Light buff cream colored

FEATURES:
  Random Height: 100% Split-face
  Dimensional: Sawn heights, split-face and ends

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
DENSITY: 135.61 lb/ft³
SPECIFIC GRAVITY: 2.173
ABSORPTION: 6.51%

ASTM C 99
MODULUS OF RUPTURE: 883 psi 6.09 Mpa

ASTM C 170
COMPRESSIVE STRENGTH: 5,686 psi 39.20 Mpa

ASTM C 241
ABRASION RESISTANCE: 5.06

ASTM C 880
FLEXURAL STRENGTH: Perpendicular: 1,053 psi Parallel: 7.26 Mpa
WESTON SHELL

COLOR/CHARACTERISTICS: Shades of buff to tan. Sea shells have been preserved for millions of years in this unique limestone

FEATURES:
- 100% Split-face with random heights from 4” to 12” (ThinCut™ cannot exceed 10.5”)
- Random lengths from 10” to 30”

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
- DENSITY: 132 lbs./cft.
- SPECIFIC GRAVITY: 2.118
- ABSORPTION: 5.4 %

ASTM C 170
- COMPRESSIVE STRENGTH: 2,964 psi
WILLOWBROOK BLUE

COLOR/CHARACTERISTICS: Willowbrook Blue is blue/gray in color with some brown and rust variegation

FEATURES:
50% Bed-face, 50% Split-face
Heights: 3” – 7” Lengths: Random
Available in Full Veneer & ThinCut™

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>ASTM C 97</th>
<th>Density: 159.83 lb/ft³</th>
<th>Class II Quartzitic Sandstone</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Specific Gravity: 2.561</td>
<td>Class III Quartzite</td>
</tr>
<tr>
<td></td>
<td>Absorption: 0.97%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASTM C 99</th>
<th>Modulus of Rupture: 2,639 psi</th>
<th>Class III Quartzite</th>
<th>18.19 Mpa</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ASTM C 170</th>
<th>Compressive Strength: 23,814 psi</th>
<th>Class III Quartzite</th>
<th>164.17 Mpa</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ASTM C 241</th>
<th>Abrasion Resistance: 52.58</th>
<th>Class III Quartzite</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ASTM C 880</th>
<th>Flexural Strength:</th>
<th>Perpendicular: 3,065 psi</th>
<th>Parallel: 21.13 Mpa</th>
</tr>
</thead>
</table>

X-RAY DIFFRACTION MINERALOGICAL ANALYSIS
FREE SILICA CONTENT: 93%  CLASS II QUARTZITIC SANDSTONE

STATIC COEFFICIENT OF FRICTION  DRY: 1.21  WET: .94
WILLOWBROOK BROWN

COLOR/CHARACTERISTICS: Willowbrook Brown has shades of brown & tan, speckled with dark brown

FEATURES:
50% Bed-face, 50% Split-face
Heights: 3” – 7” Lengths: Random

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

ASTM C 97
DENSITY: 159.83 lb/ft³
SPECIFIC GRAVITY: 2.561
ABSORPTION: 0.97%

CLASS II QUARTZITIC SANDSTONE
CLASS III QUARTZITE

ASTM C 99
MODULUS OF RUPTURE: 2,639 psi
CLASS III QUARTZITE
18.19 Mpa

ASTM C 170
COMPRESSIVE STRENGTH: 23,814 psi
CLASS III QUARTZITE
164.17 Mpa

ASTM C 241
ABRASION RESISTANCE: 52.58
CLASS III QUARTZITE

ASTM C 880
FLEXURAL STRENGTH:
Perpendicular: 3,065 psi
Parallel: 21.13 Mpa

X-RAY DIFFRACTION MINERALOGICAL ANALYSIS
FREE SILICA CONTENT: 93%

CLASS II QUARTZITIC SANDSTONE

STATIC COEFFICIENT OF FRICTION
DRY: 1.21
WET: .94
YUKON LEDGE

COLOR/CHARACTERISTICS: Deep rust to dark brown seam-face

FEATURES:
- Random heights 1” to 4”
- Random lengths 5” to 20”

Available in Full Veneer & ThinCut™

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>ASTM C 97</th>
<th>BULK SPECIFIC GRAVITY: 2.387</th>
<th>CLASS II QUARTZITIC SANDSTONE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DENSITY: 155.34 lbs./ft³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ABSORPTION: 3.0%</td>
<td></td>
</tr>
</tbody>
</table>

| ASTM C 170 | COMRESSIVE STRENGTH: 7500 psi | CLASS III QUARTZITE |

*This information is based on test results by Pacific Materials Laboratory*