

American Formliners

Pattern Catalog

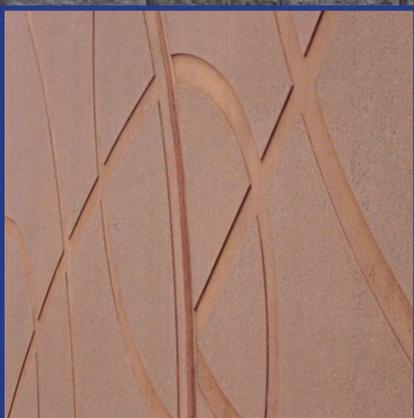
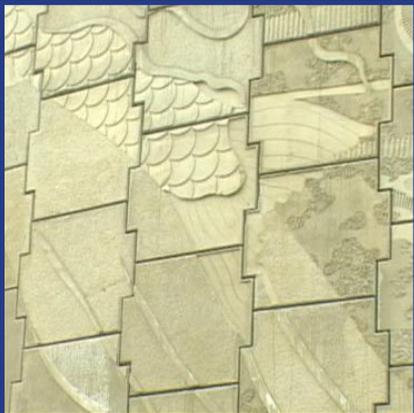


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More Patterns... More Possibilities!

American Formliners can make a lasting impression in concrete at an affordable price. And American Formliners has the project experience, pattern recommendations and material options to make sure every cast-in-place, tilt-up or precast application is successful.

American Formliners has the patterns, including brick, rope, fractured fin, wood grain and most DOT textures, that will complement almost any concrete structure. These patterns are being specified by architectural/ engineering firms and state Departments of Transportation, and installed by concrete contractors throughout North America every day.

American Formliners provides several advantages:

- State-of-the-art manufacturing by an industry-trusted name
- Single-use, multi-use and extended-use material options
- Hard-to-find pattern lengths for greater forming versatility
- End-to-end and side-to-side matching for seamless appearance
- Cost-effective material pricing with nationwide availability
- Custom design capability for unique forming applications

Patterns and availability subject to change without notice.



Application Summary

Design

- **Texture** – Surface details and finishes are permanently molded into the formliner material during production resulting in a consistent concrete appearance.
- **Depth** – Geometric and high-relief textures can be reproduced using HIPS, ABS, PE or PPE materials. Undercut textures can be reproduced using the flexible PE or PPE material.
- **Specification** – Formliners are typically identified by pattern number and description, except for custom designs having drawings and supporting documentation.

Budget

- **Project Budget** – The project schedule and forming cycle time typically dictates the material and budget requirements.
- **Labor Budget** – Reusable formliners, properly coordinated with concrete forming operations, can significantly improve site productivity, minimizing associated forming costs

Reusability – Single-use HIPS plastic, medium-use ABS plastic, and extended-use PE and PPE elastomeric materials are available for your specific concrete forming application.

Rate-of-Pour – Formliners are typically designed to withstand concrete placement of five feet per hour, but there are other materials/methods available if an application exceeds this limit.

Attachment

Formliners are used in cast-in-place, precast or tilt-up. All mounting surfaces should be clean and dry. ABS and HIPS materials can be installed using screws or staples. PE and PPE materials are typically plywood-mounted with adhesive and subsequently bolted to formwork. Adhesive tapes, foam tapes and silicone caulks are used at joints and seams to minimize grout leakage.

Alignment

The formwork must be properly aligned and in common planes. A “stack up” of tolerances can result in a noticeable “step” in the finished concrete surface, especially with “shallow” formliner patterns. Reveals or rustications are recommended at joints to simplify forming, accentuate the texture and reduce grout leakage.

Form Release

Formliners should be sprayed with a premium form release before each use and within the same day concrete is placed. Form release should be applied with a low-flow, wide-angle, flat-spray nozzle and wipe with a cloth to insure an evenly-coated formliner surface. Formliners should always be covered when not in use.

Trapezoid Patterns

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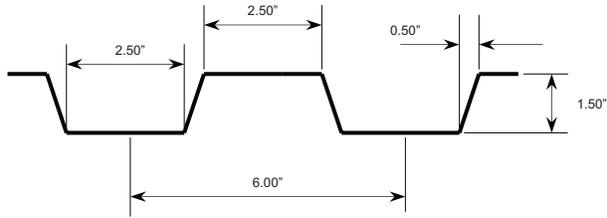
Fractured Fin Patterns

1400 – 1/2" Rope.....	22
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1442 – 1" Fin, 2" OC.....	24

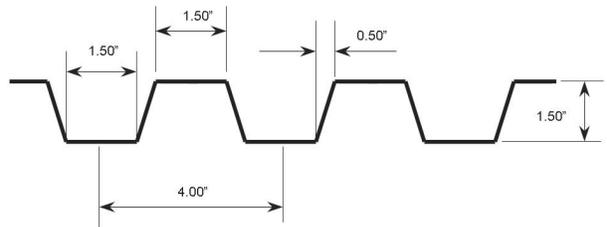
Masonry Patterns

1500 – 3/8" Deep, 8" x 16" Cinder Block	25
1501 – 2-1/4" x 7-1/2" English Brick	25
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1560 – 8" x 8" Stacked Bond Block	29
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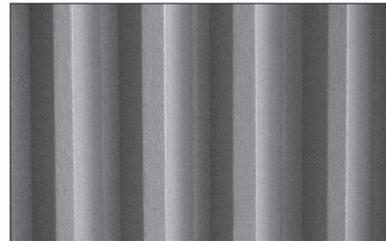
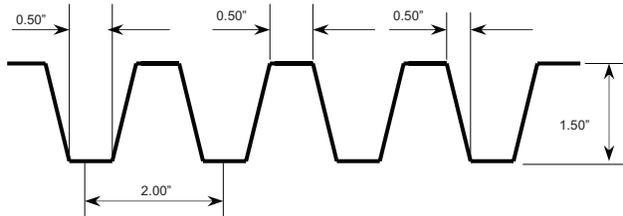
Trapezoid 1100 - 1-1/2" Deep, 6" OC



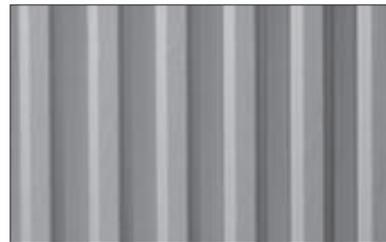
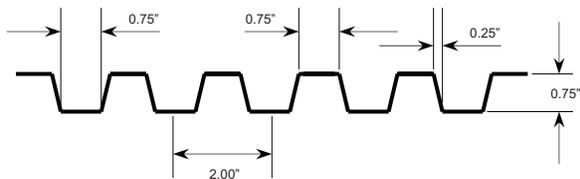
Trapezoid 1101 - 1-1/2" Deep, 4" OC



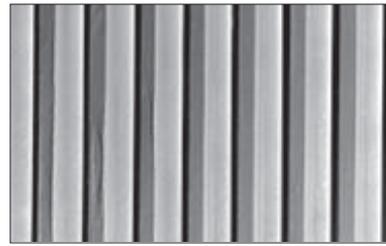
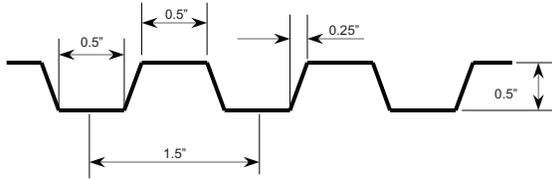
Trapezoid 1102 - 1-1/2" Deep, 2" OC



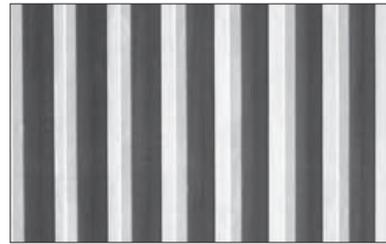
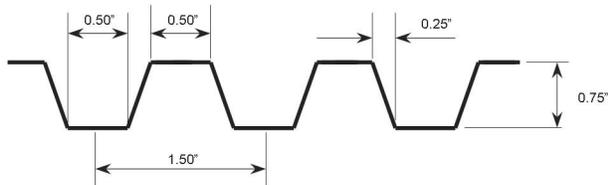
Trapezoid 1104 - 3/4" Deep, 2" OC



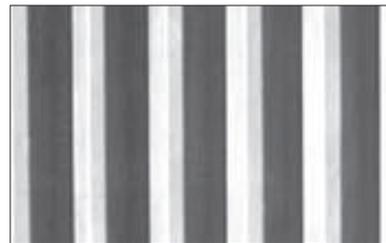
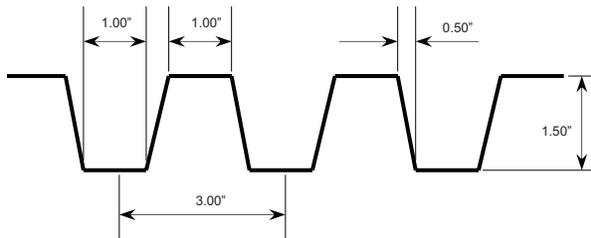
Trapezoid 1105 - 1/2" Deep, 1-1/2" OC



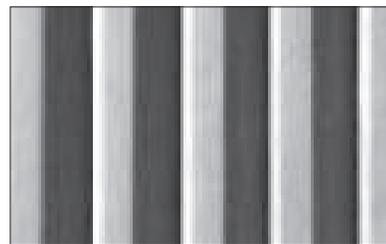
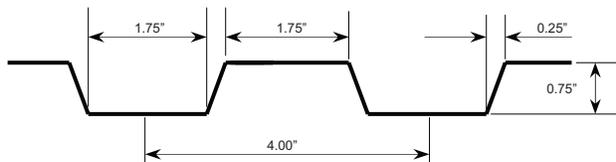
Trapezoid 1106 - 3/4" Deep, 1-1/2" OC



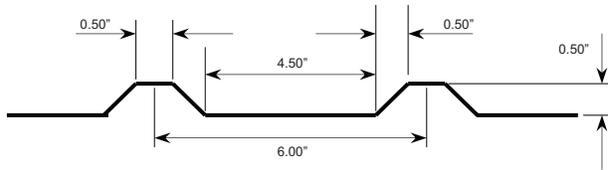
Trapezoid 1107 - 1-1/2" Deep, 3" OC



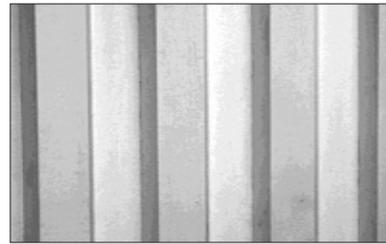
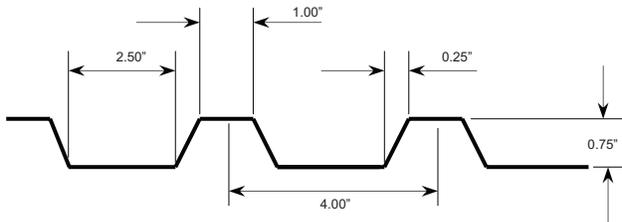
Trapezoid 1108 - 3/4" Deep, 4" OC



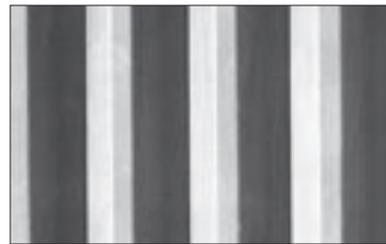
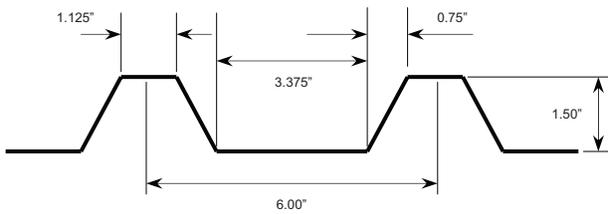
Trapezoid 1109 - 1/2" Deep, 6" OC



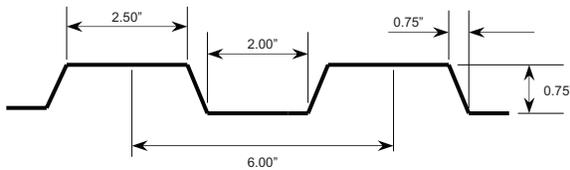
Trapezoid 1110 - 3/4" Deep, 4" OC



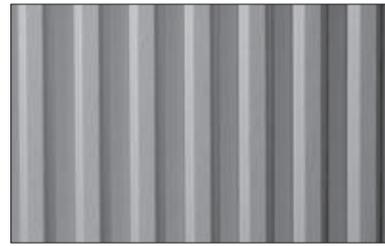
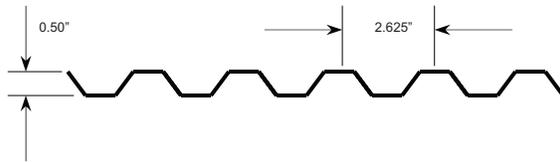
Trapezoid 1111 - 1-1/2" Deep, 6" OC



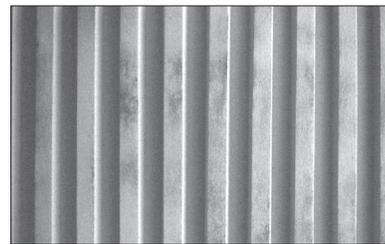
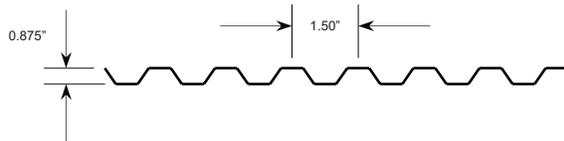
Trapezoid 1112 - 3/4" Deep, 6" OC



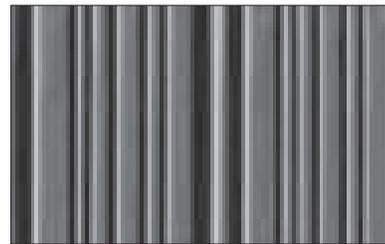
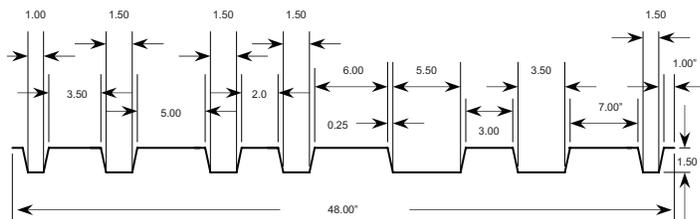
Trapezoid 1113 - 1/2" Deep, 2-5/8" OC



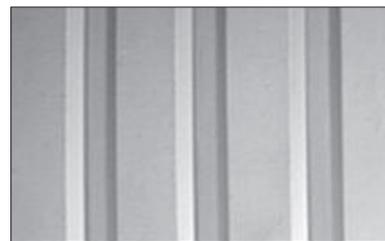
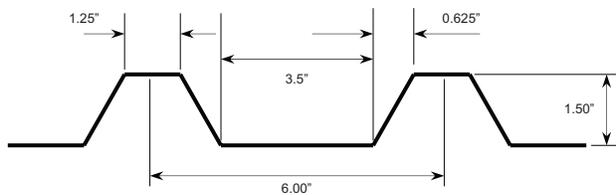
Trapezoid 1114 - 7/8" Deep, 1-1/2" OC



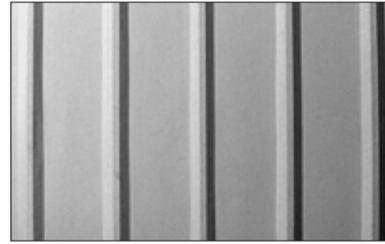
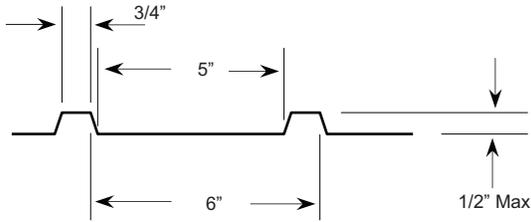
Trapezoid 1116 - ADOT Random Rib 1-1/2" Deep



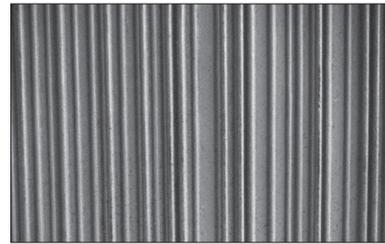
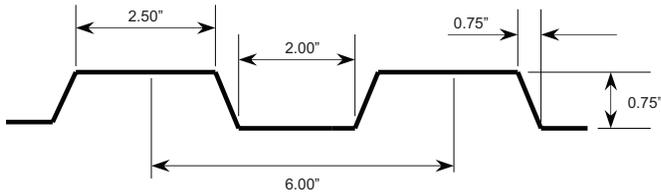
Trapezoid 1117 - 1-1/2" Deep, 6" OC



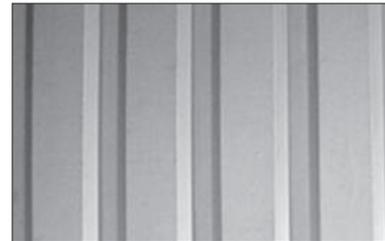
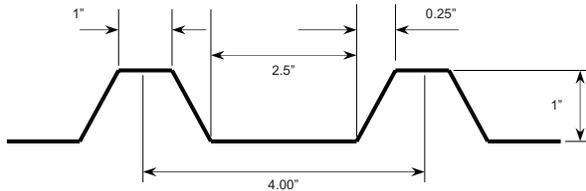
Trapezoid 1121 - 1/2" Deep, 6" OC



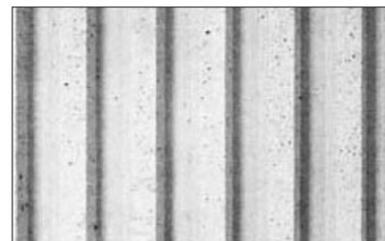
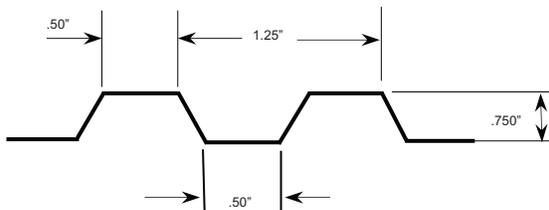
Trapezoid 1122 - Random Striations



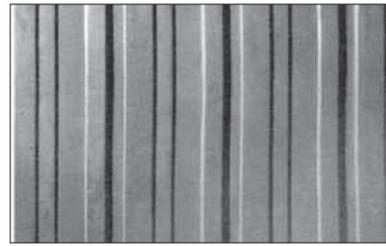
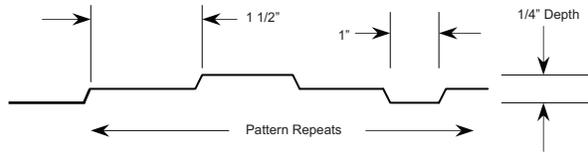
Trapezoid 1127 - 1" Deep, 4" OC



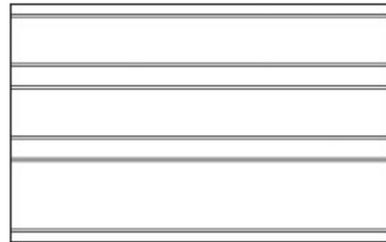
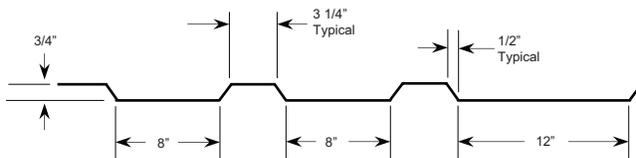
Trapezoid 1138 - 3/4" Deep, 1-1/4" OC



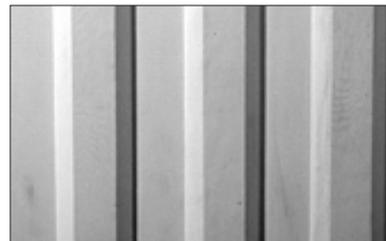
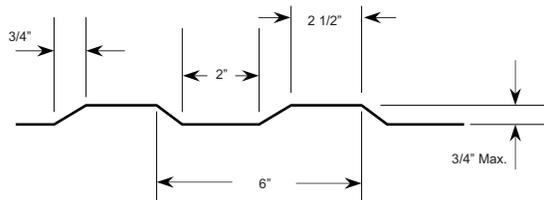
Trapezoid 1153 - 1/4" Deep Tri-Level



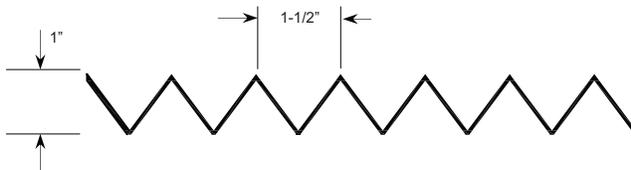
Trapezoid 1156 - 3/4" Deep Rib



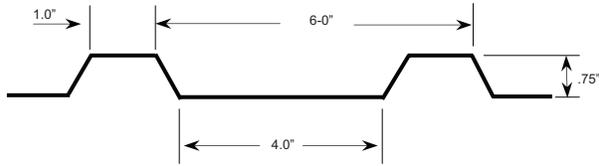
Trapezoid 1180 - 3/4" Deep, 6" OC



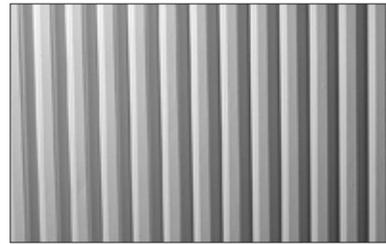
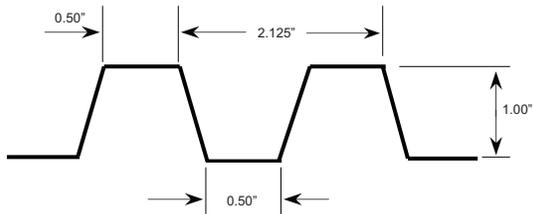
Trapezoid 1181 - Saw Tooth 1" Deep Rib, 1-1/2" OC



Trapezoid 1195 - 3/4" Deep, 6" OC



Trapezoid 1196 - 1" Deep, 2-1/8" OC



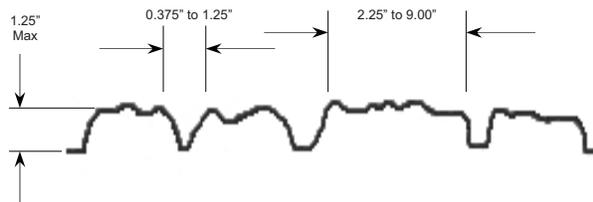
Stone 1200 - Light / Medium Sandblast



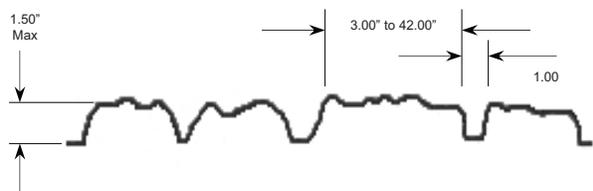
Stone 1201 - Heavy Sandblast



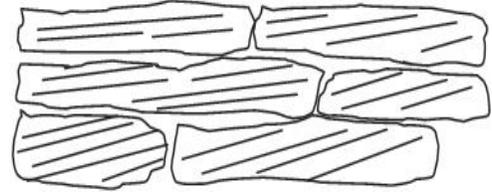
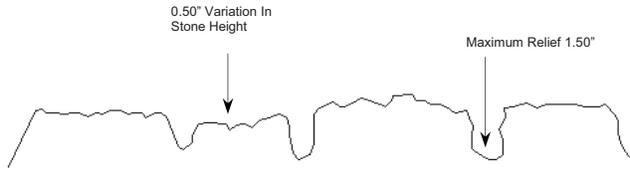
Stone 1202 - 1-1/4" Random Ashlar Stone



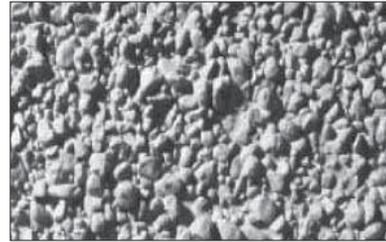
Stone 1203 - 1-1/2" Random Ashlar Stone



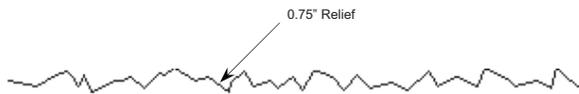
Stone 1204 - Dry Stack



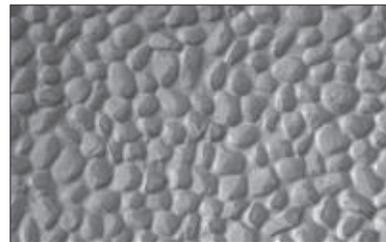
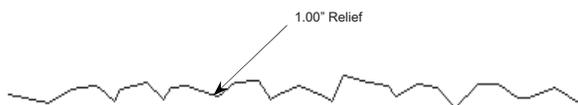
Stone 1205 - 3/4" Aggregate



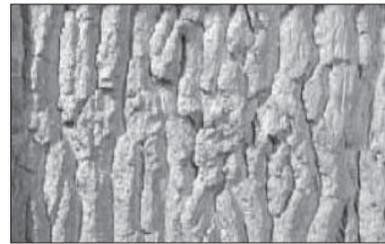
Stone 1206 - 3/4" Deep Fractured Concrete



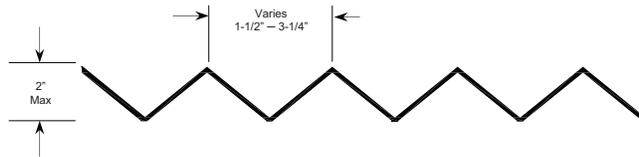
Stone 1207 - 1" Quartz



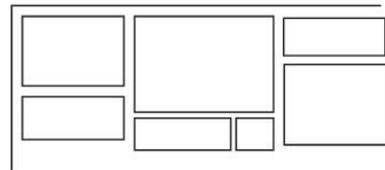
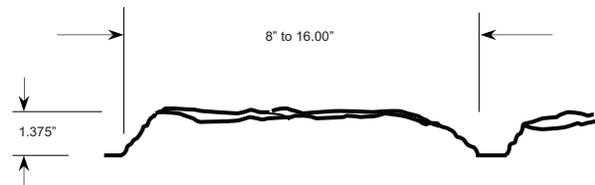
Stone 1209 - 3/4" Fractured Granite



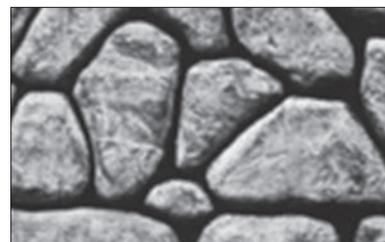
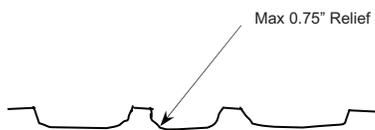
Stone 1212 - Oregon Basalt



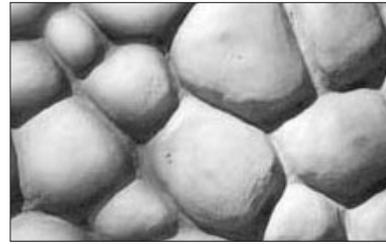
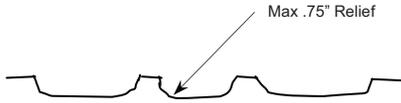
Stone 1232 - Rustic Random Ashlar



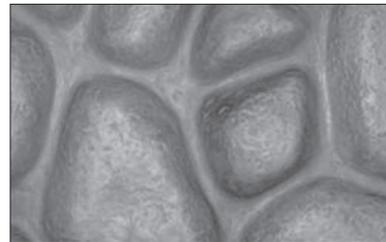
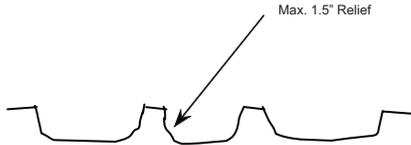
Stone 1239 - Random Fieldstone



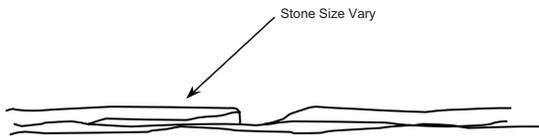
Stone 1240 - Random River Rock 3/4" Deep



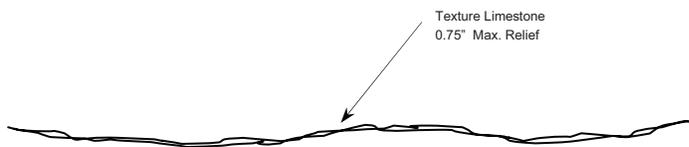
Stone 1241 - Random River Rock 1-1/2" Deep



Stone 1255 - Vertical Flagstone



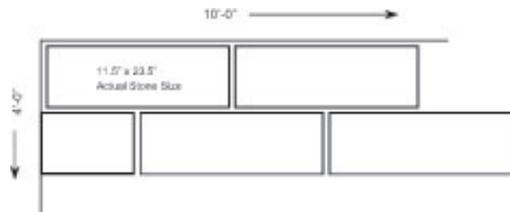
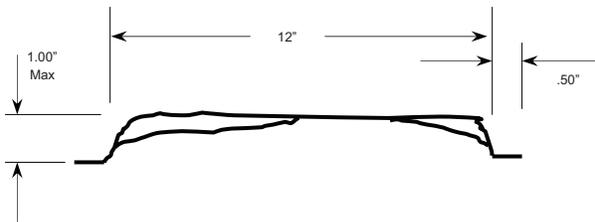
Stone 1265 - Limestone



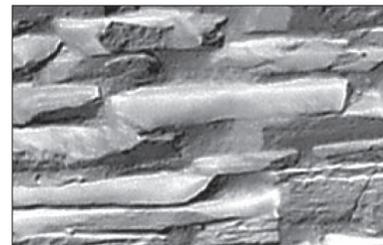
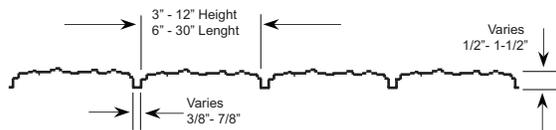
Stone 1266 - 2" Random Ashlar Stone



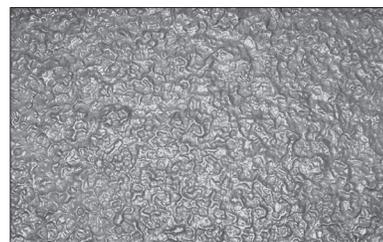
Stone 1273 - Runningbond Ashlar Stone



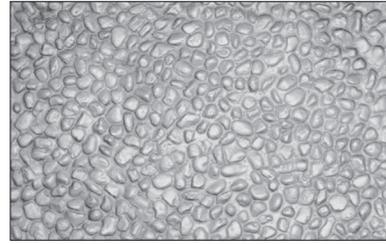
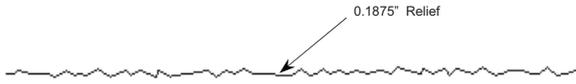
Stone 1280 - Random Drystack



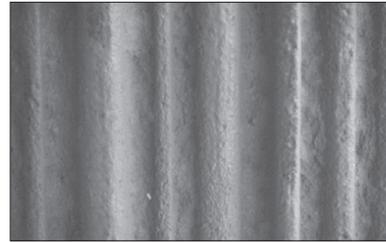
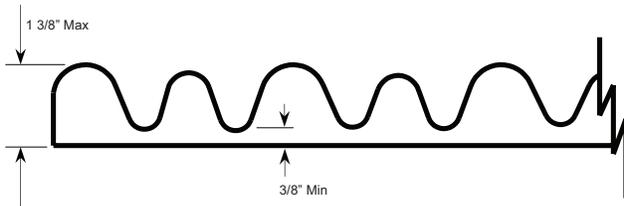
Stone 1281 - Bush Hammer



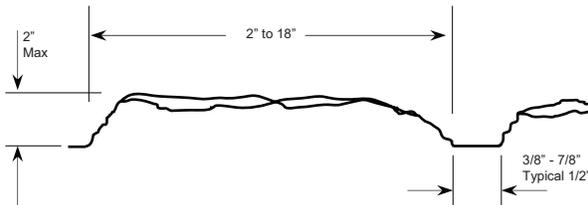
Stone 1285 - Pea Gravel



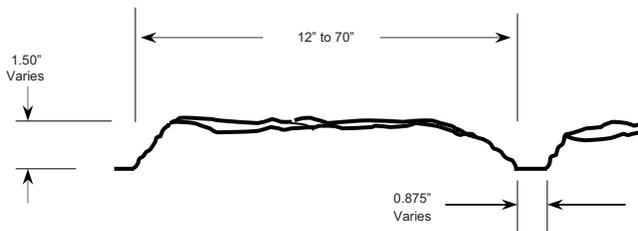
Stone 1290 - Phoenix Limestone



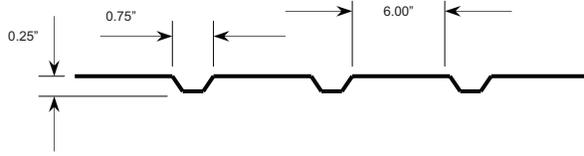
Stone 1295 - Sierra Drystack



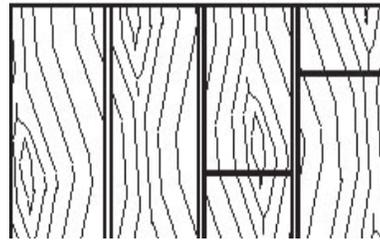
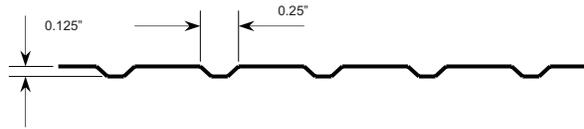
Stone 1296 - Long Island Ashlar



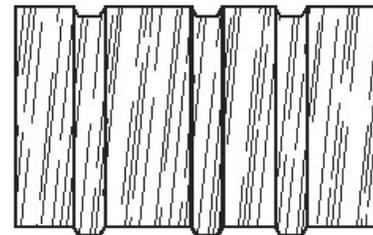
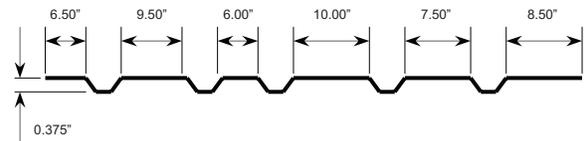
Wood 1300 - 1/4" Deep, 6" OC Grain



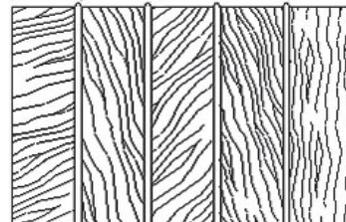
Wood 1301 - 1/8" Deep, 6" OC Pine Random Butt



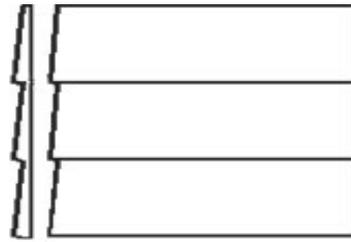
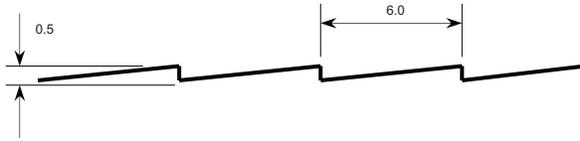
Wood 1302 - 3/8" Rough Sawn Random Boards



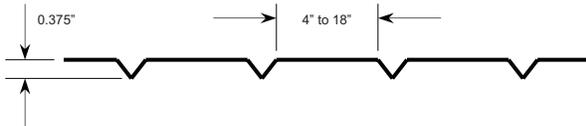
Wood 1303 - 1/4" Deep Cedar Plank, No Reveal



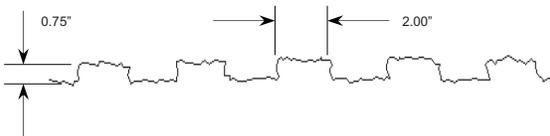
Wood 1304 - 1/2" Deep, 6" Smooth Shiplap



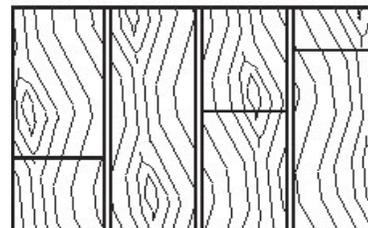
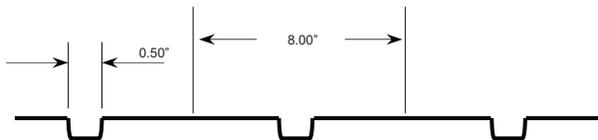
Wood 1305 - Barnwood



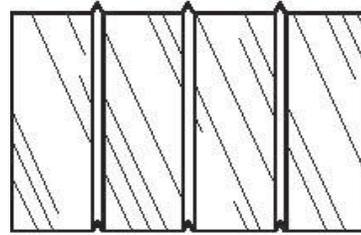
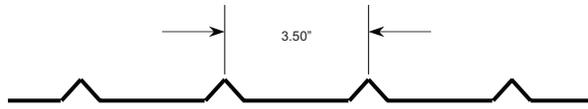
Wood 1306 - 3/4" Deep, 2" Cedar Grapestakes



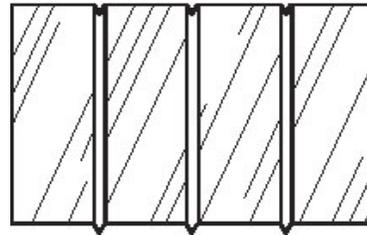
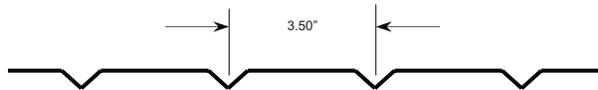
Wood 1308 - 8" OC Light Grain Random Butt Joints



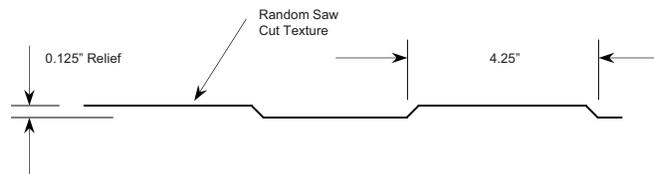
Wood 1309 - 3-1/2" OC Light Grain Protruding Reveal



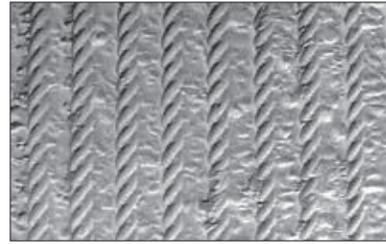
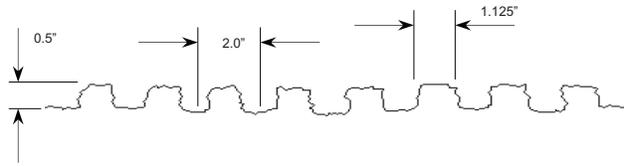
Wood 1310 - 3-1/2" OC Light Grain Random Butt Joints



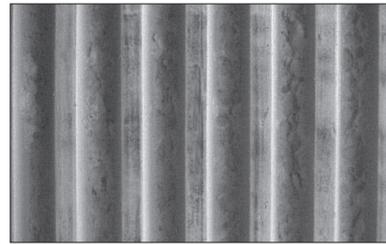
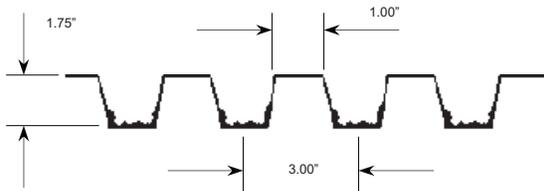
Wood 1345 - Extra Rough Sawn Plank



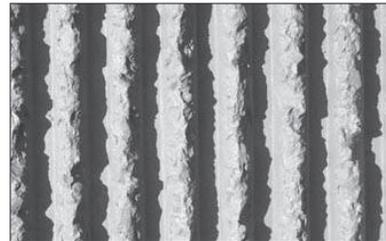
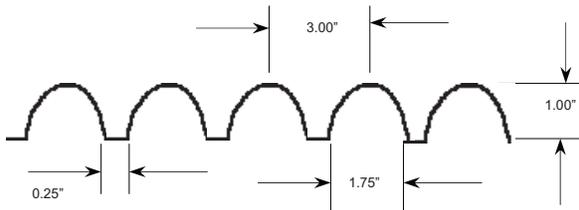
Fractured 1400 - 1/2" Rope



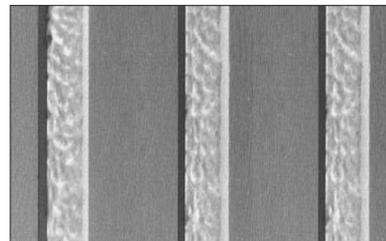
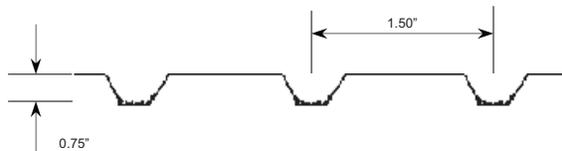
Fractured 1401 - 1-3/4" Deep, 3" OC Rib



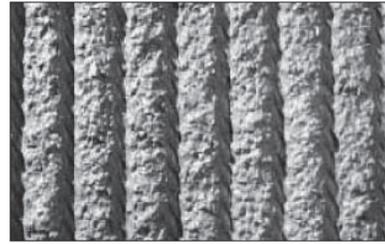
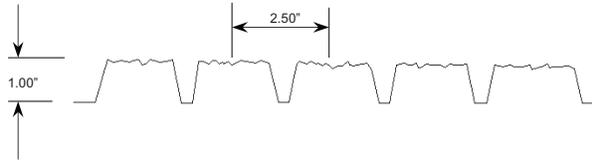
Fractured 1404 - 1" Deep, 3" OC Rib



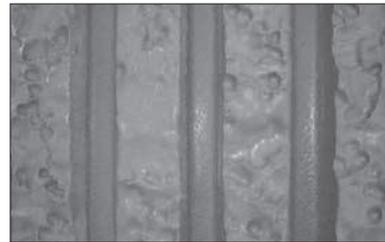
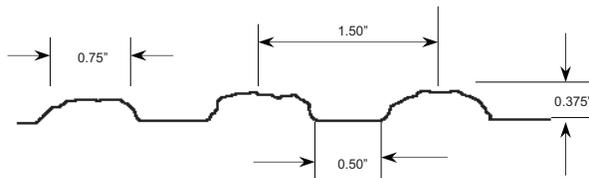
Fractured 1405 - 3/4" Deep, 1-1/2" OC Fin



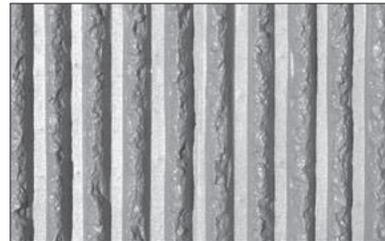
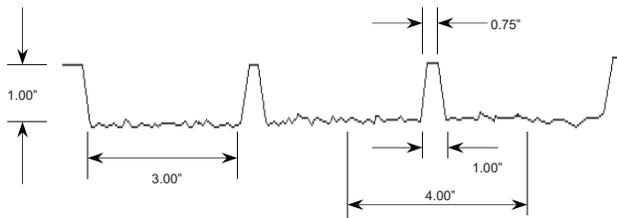
Fractured 1406 - 1" Deep, 2-1/2" OC Rib



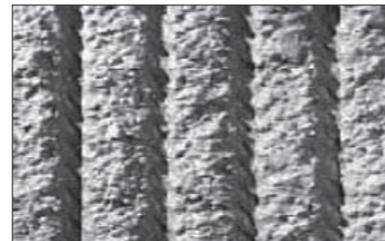
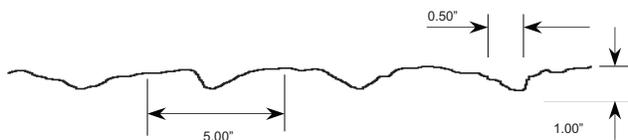
Fractured 1407 - 3/8" Deep, 1-1/2" OC Rib



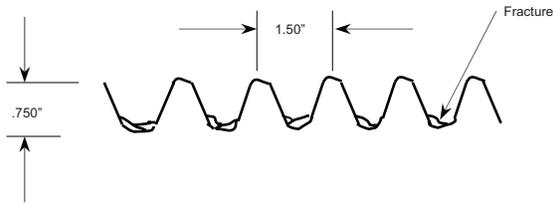
Fractured 1408 - 1" Deep, 4" OC 3" Split Face Rib



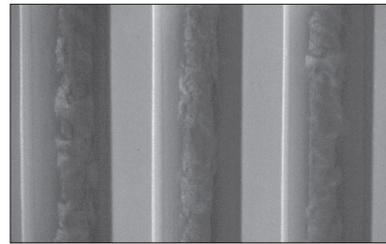
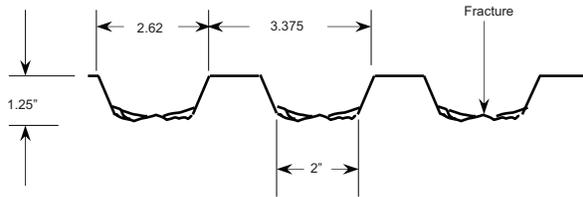
Fractured 1410 - 1" Deep, 5" OC Ripper Rebar



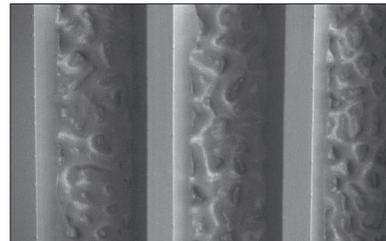
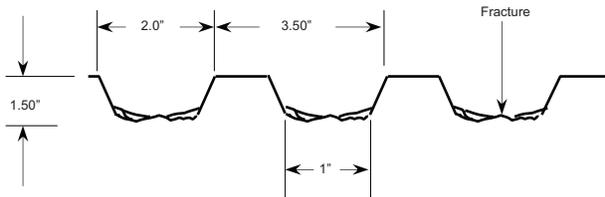
Fractured 1412 - 3/4" Fin, 1-1/2" OC



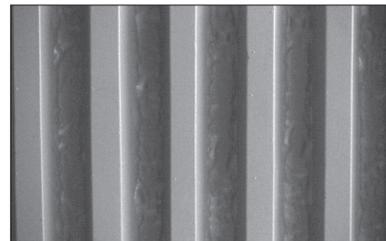
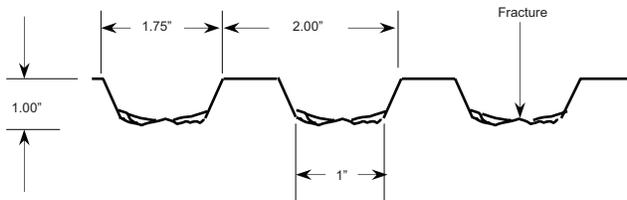
Fractured 1422 - 1-1/4" Fin, 3-3/8" OC



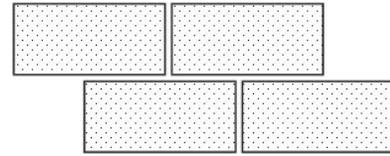
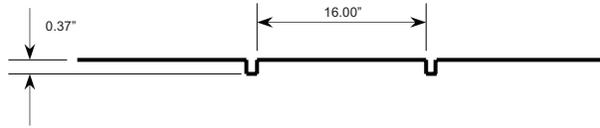
Fractured 1432 - 1-1/2" Fin, 3-1/2" OC



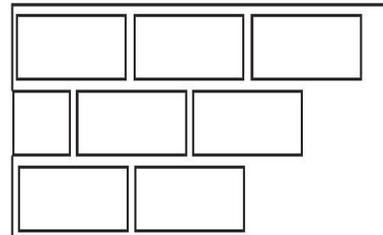
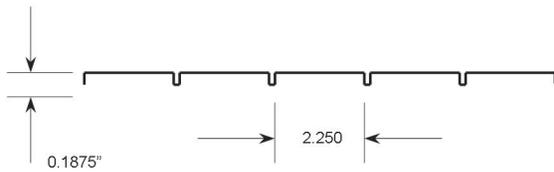
Fractured 1442 - 1" Fin, 2" OC



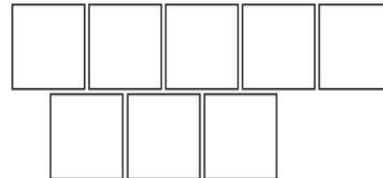
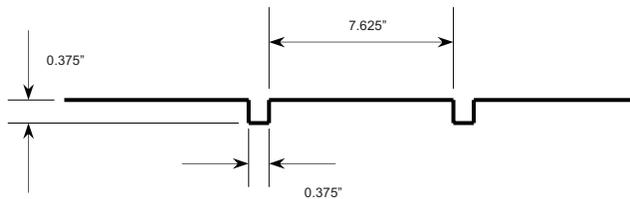
Masonry 1500 - 3/8" Deep, 8"x16" Cinder Block



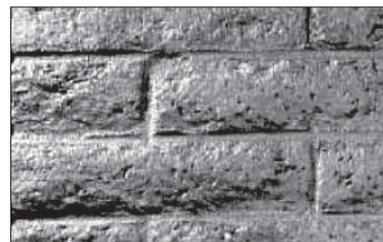
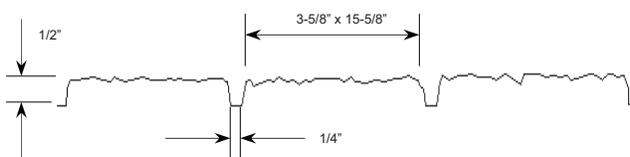
Masonry 1501 - 2-1/4"x7-1/2" English Brick



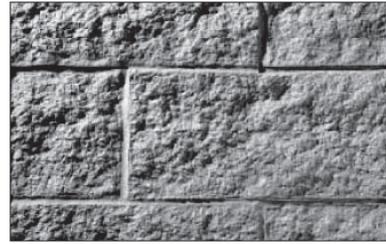
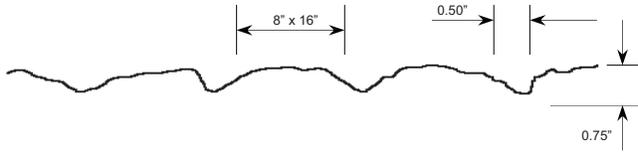
Masonry 1502 - 8"x8" Split Face Block



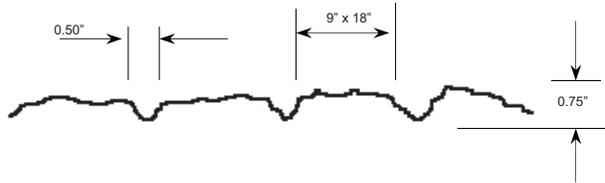
Masonry 1506 - 1/2" Deep, 4"x16" Slump Block



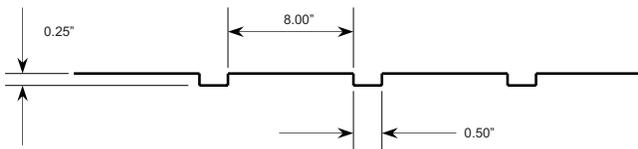
Masonry 1507 - 3/4" Deep, 8"x16" Textured Block



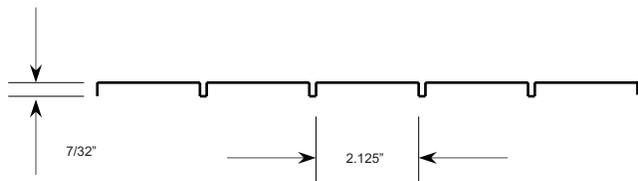
Masonry 1508 - 3/4" Deep, 9"x18" Split Face Block



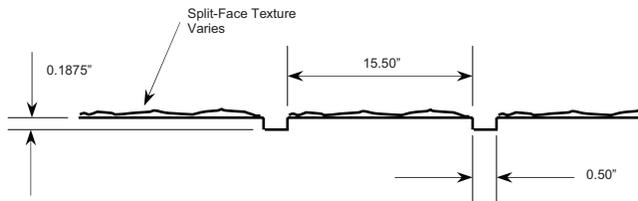
Masonry 1509 - 1/4" Deep, 2-1/2"x8" Smooth Brick



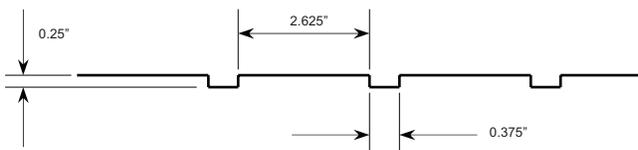
Masonry 1510 - 2-1/8"x7-1/2" Wire Cut Brick



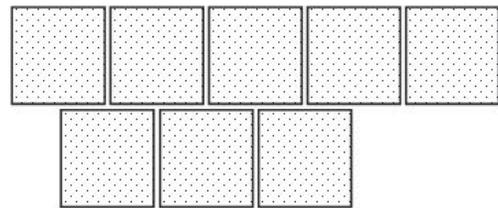
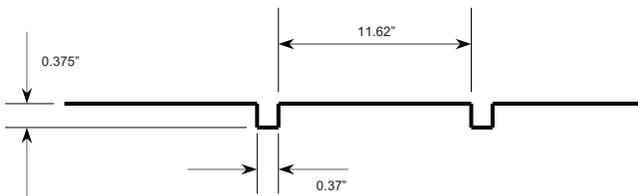
Masonry 1516 - 3/16" Deep, 8"x16" Split Face Block



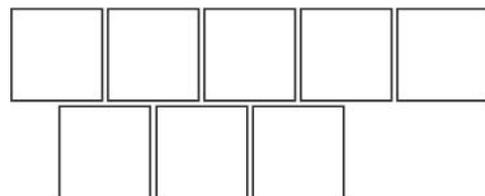
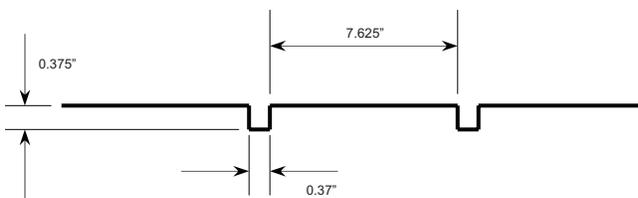
Masonry 1519 - 2-5/8"x7-5/8" Runningbond Block



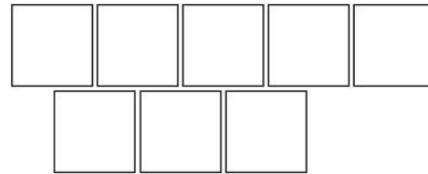
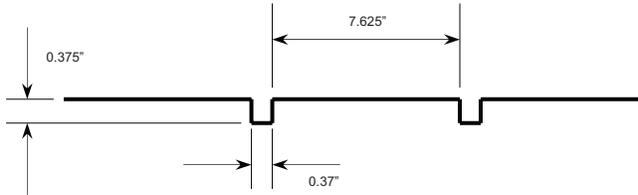
Masonry 1520 - 12"x12" Split Face Granite Block



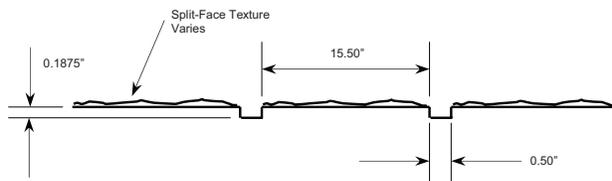
Masonry 1522 - 8"x8" Smooth Face Block



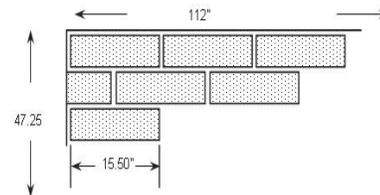
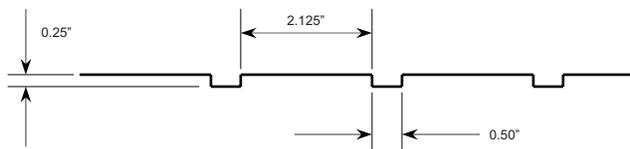
Masonry 1523 - 8"x8" Scored Face Block



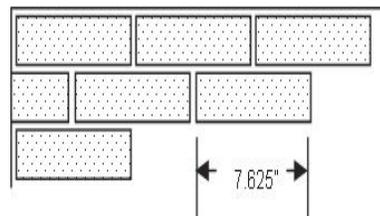
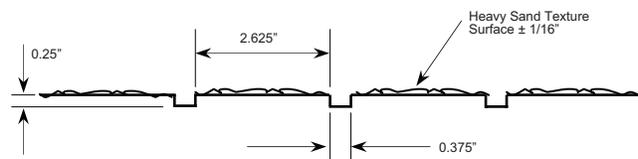
Masonry 1526 - 3/16" Deep, 8"x16" Stacked Split Face Block



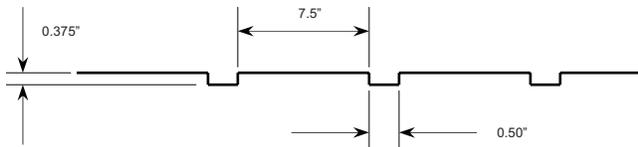
Masonry 1529 - 16"x2-5/8" Split Face Block



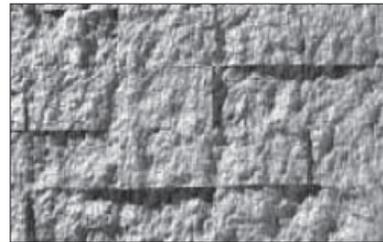
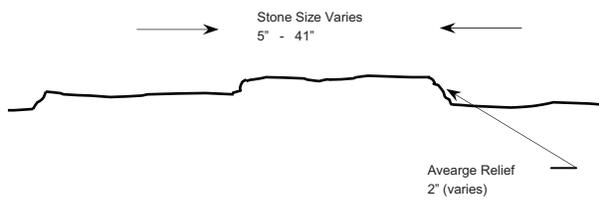
Masonry 1539 - 2-5/8"x7-5/8" Sand Cast Brick



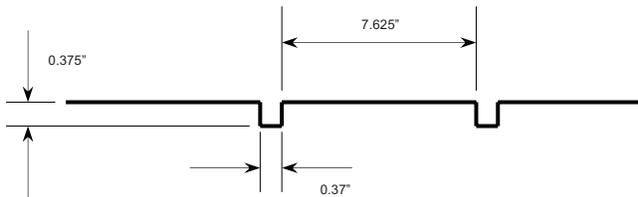
Masonry 1549 - 2-1/2"x7-1/2" Smooth Brick



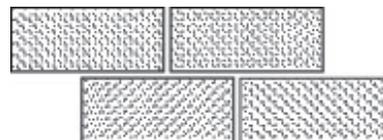
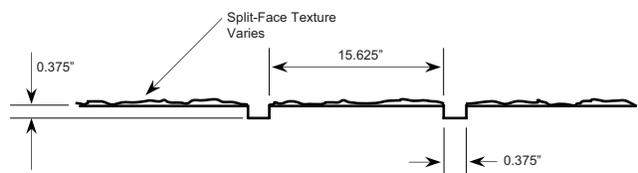
Masonry 1550 - Random Drystack



Masonry 1560 - 8"x8" Stacked Bond Block



Masonry 1577 - Split Face Block



Technical Data

Thermofrom

HIPS - High Impact Polystyrene

ABS - Acrylonitrile Butadiene Styrene

Elastomeric

PE - Polyurethane Elastomer

PPE - Premium Polyurethane Elastomer

Standard Formliners

HIPS Formliners can be used to provide a textured concrete surface, in a limited application, at an affordable price. Single use only.

ABS Formliners exhibit impact resistance and UV shielding to reduce the damaging effects of sunlight. Multiple uses up to 10 times.

Premium Multi-Use Formliners

PE Formliners combine great resilience and high-tensile strength into a long-wearing surface. Multiple uses up to 40-50 times.

PPE Formliners provide exceptional reproduction of the most difficult and complex designs for a consistent appearance. Multiple uses up to 100+ times.

HIPS - High Impact Polystyrene
(Single use only)

<u>Properties</u>	<u>Rating</u>	<u>ASTM</u>
IZOD Impact, ft.-lb/in.		
@70°F	2.0	D256
@0°F	1.3	D256
Tensile Strength	3,700 psi	D638
Heat Deflection	188	D695
Vicat Softening	212	D1525
Wt.lb./sq.ft.		
.070 mil	.449	
.090 mil	.577	
.110 mil	.705	
.130 mil	.833	
.150 mil	.966	

PE - Polyurethane Elastomer
(Multiple uses up to 40-50 times)

<u>Properties</u>	<u>Rating</u>	<u>ASTM</u>
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638 (D412)
Ultimate Elongation	240%	D638 (D412)

PPE - Premium Polyurethane Elastomer
(Multiple uses up to 100+ times)

<u>Properties</u>	<u>Rating</u>	<u>ASTM</u>
Shore A Hardness	60-65	D2240
Tear Strength, PLI	120	D624
Tensile Strength, psi	1150	D638 (D412)
Ultimate Elongation	1200%	D638 (D412)

ABS - Acrylonitrile-Butadiene Styrene
(Multiple uses up to 10 times)

<u>Properties</u>	<u>Rating</u>	<u>ASTM</u>
IZOD Impact, ft.-lb/in.		
@73°	5.6	D256
@0°	1.9	D256
Tensile Strength	5,300 psi	D638
Heat Deflection		
@264 psi	199	D648
@66 psi	211	D648
Falling Dart Impact, ft.-lb.		
@73°F	23	
@40°F	14	
Specific Gravity	1.05	D792
Wt. lb./sq.ft.		
.070 mil	.451	
.090 mil	.580	
.110 mil	.705	
.130 mil	.833	
.150 mil	.961	

Manufacturing Tolerances @ 70F
(All patterns, all materials)

Standard size: 4'x10'
 Length: +1" to 2", -0" (shipped long for field trimming)
 Width: ± 1/4"
 Thickness: ± 1/16" at edge (except formliners over 1" thick)
 Custom size: At customer request, additional charge.

Leave a lasting impression in concrete with American Formliners!



AMERICAN FORMLINERS PROVIDES THESE ADVANTAGES:

- State-of-the-art manufacturing by an industry-trusted name
- Single-use, multi-use and extended-use material options
- Hard-to-find pattern lengths for greater forming versatility
- End-to-end and side-to-side matching for seamless appearance
- Cost-effective material pricing with nationwide availability
- Custom design capability for unique forming applications

**American
Formliners**

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