

American Formliners

Pattern Catalog

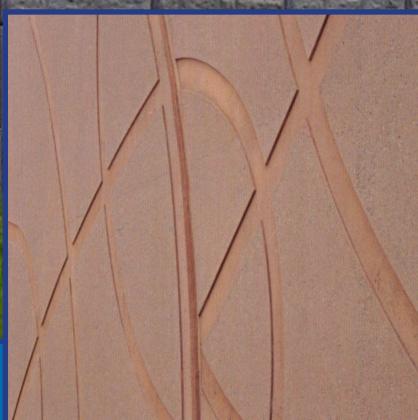
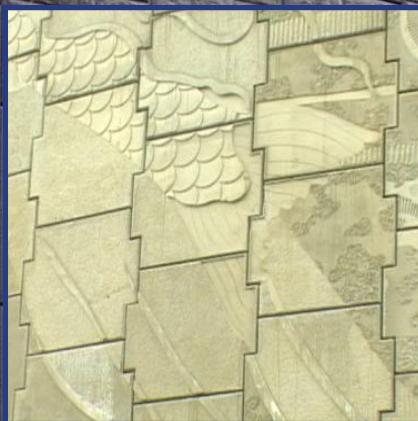


Table of Contents

More Patterns... More Possibilities!.....	3
Application	4
Pattern Index	5
Trapezoid Patterns	6
Stone Patterns.....	13
Wood Patterns.....	19
Fractured Patterns.....	22
Masonry Patterns	25
Technical Data	30

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 caulk 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

1100 – 1-1/2" Deep, 6" OC	6
1101 – 1-1/2" Deep, 4" OC	6
1102 – 1-1/2" Deep, 2" OC	6
1104 – 3/4" Deep, 2" OC	6
1105 – 1/2" Deep, 1-1/2" OC	7
1106 – 3/4" Deep, 1-1/2" OC	7
1107 – 1-1/2" Deep, 3" OC	7
1108 – 3/4" Deep, 4" OC	7
1109 – 1/2" Deep, 6" OC	8
1110 – 3/4" Deep, 4" OC	8
1111 – 1-1/2" Deep, 6" OC	8
1112 – 3/4" Deep, 6" OC	8
1113 – 1/2" Deep, 2-13/16" OC	9
1114 – 7/8" Deep, 1-1/2" OC	9
1116 – ADOT Random Rib, 1-1/2" Deep	9
1117 – 1-1/2" Deep, 6" OC	9
1121 – 1/2" Deep, 6" OC	10
1122 – Random Striations	10
1127 – 1" Deep, 4" OC	10
1138 – 3/4" Deep, 1-1/4" OC	10
1153 – 1/4" Deep Tri-Level	11
1156 – 3/4" Deep Rib	11
1180 – 3/4" Deep, 6" OC	11
1181 – Saw Tooth, 1" Deep Rib, 1-1/2" OC	11
1195 – 3/4" Deep, 6" OC	12
1196 – 1" Deep, 2-1/8" OC	12

Stone Patterns

1200 – Light / Medium Sandblast	13
1201 – Heavy Sandblast	13
1202 – 1-1/4" Random Ashlar Stone	13
1203 – 1-1/2" Random Ashlar Stone	13
1204 – Dry Stack	14
1205 – 3/4" Aggregate	14
1206 – 3/4" Deep Fractured Concrete	14
1207 – 1" Quartz	14
1209 – 1-1/8" Fractured Granite	15
1212 – Oregon Basalt	15
1232 – Rustic Random Ashlar	15
1239 – Random Fieldstone	16
1240 – Random River Rock, 3/4" Deep	16
1241 – Random River Rock, 1-1/2" Deep	16
1255 – Vertical Flagstone	16
1265 – Limestone	17
1266 – 2" Random Ashlar Stone	17
1273 – Runningbond Ashlar Stone	17
1280 – Random Drystack	17
1281 – Bush Hammer	18
1285 – Pea Gravel	18
1290 – Phoenix Limestone	18
1295 – Sierra Drystack	18
1296 – Long Island Ashlar	19

Wood Patterns

1300 – 1/4" Deep, 6" OC Grain	19
1301 – 1/8" Deep, 6" OC Pine Random Butt	19
1302 – 3/8" Rough Sawn Random Boards	19
1303 – 1/4" Deep Cedar Plank No Reveal	19
1304 – 1/2" Deep, 6" Smooth Shiplap	20
1305 – Barnwood	20
1306 – 3/4" Deep, 2" Cedar Gapestakes	20
1308 – 8" OC, Light Grain Random Butt Joints	20
1309 – 3-1/2" OC, Light Grain Protruding Reveal	21
1345 – Extra Rough Sawn Plank	21

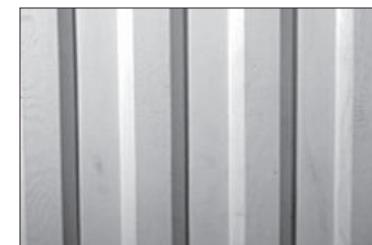
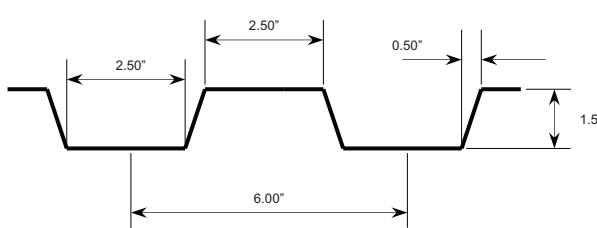
Fractured Fin Patterns

1400 – 1/2" Rope	22
1401 – 1-3/4" Deep, 3" OC Rib	22
1404 – 1" Deep, 3" OC Rib	22
1405 – 3/4" Deep, 1-1/2" OC Fin	22
1406 – 1" Deep, 2-1/2" OC Rib	23
1407 – 3/8" Deep, 1-1/2" OC Rib	23
1408 – 1" Deep, 4" OC 3" Split Face Rib	23
1410 – 1" Deep, 5" OC Ripper Rebar	23
1412 – 3/4" Fin, 1-1/2" OC	24
1422 – 1-1/4" Fin, 3-3/8" OC	24
1432 – 1-1/2" Fin, 3-1/2" OC	24
1442 – 1" Fin, 2" OC	24

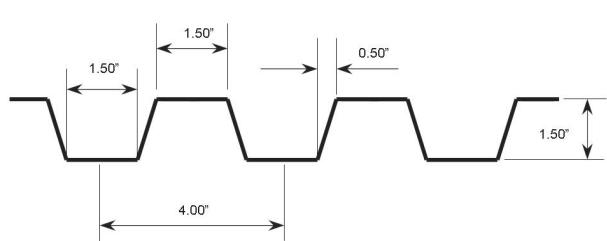
Masonry Patterns

1500 – 3/8" Deep, 8" x 16" Cinder Block	25
1501 – 2-1/4" x 7-1/2" English Brick	25
1502 – 8" x 8" Split Face Block	25
1506 – 1/2" Deep, 4" x 16" Slump Block	25
1507 – 3/4" Deep, 8" x 16" Textured Block	26
1508 – 3/4" Deep, 9" x 18" Split Face Block	26
1509 – 1/4" Deep, 2-1/2" x 8" Smooth Brick	26
1510 – 2-1/8" x 7-1/2" Wire Cut Brick	26
1516 – 3/16" Deep, 8" x 16 Split Face Block	27
1519 – 2-5/8" x 7-5/8" Smooth Block Running Bond	27
1520 – 12" x 12" Split Face Granite Block	27
1522 – 8" x 8" Smooth Face Block	27
1523 – 8" x 8" Scored Smooth Face Block	28
1526 – 3/16" Deep, 8" x 16" Split Face Block Stacked	28
1529 – 16" x 2-5/8" Split Face Block	28
1539 – 2-5/8" x 7-5/8" Sand Cast Brick	28
1549 – 2-1/2" x 7-1/2" Smooth Brick	29
1550 – Random Drystack	29
1560 – 8" x 8" Stacked Bond Block	29
1577 – Custom Split-Face Block	29

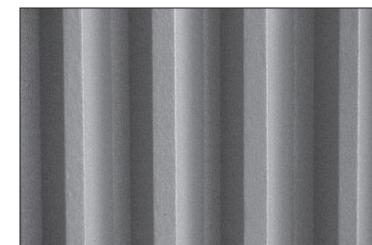
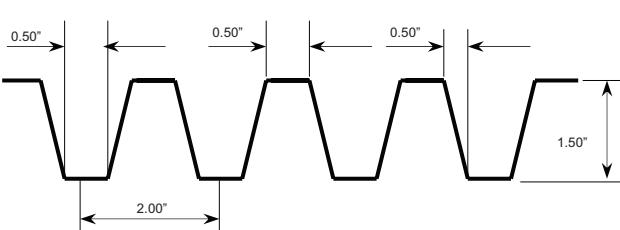
Trapezoid 1100 - 1-1/2" Deep, 6" OC



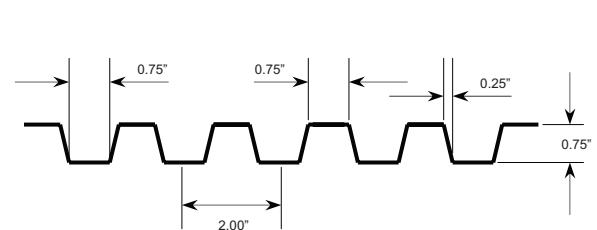
Trapezoid 1101 - 1-1/2" Deep, 4" OC



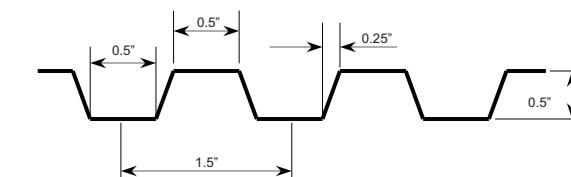
Trapezoid 1102 - 1-1/2" Deep, 2" OC



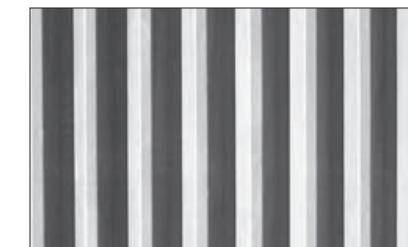
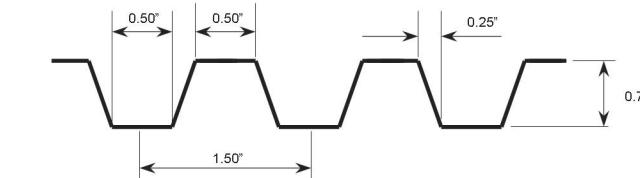
Trapezoid 1104 - 3/4" Deep, 2" OC



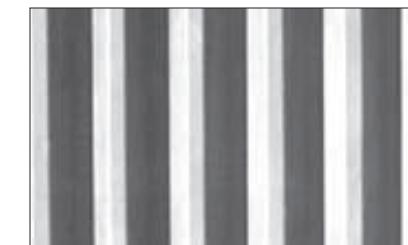
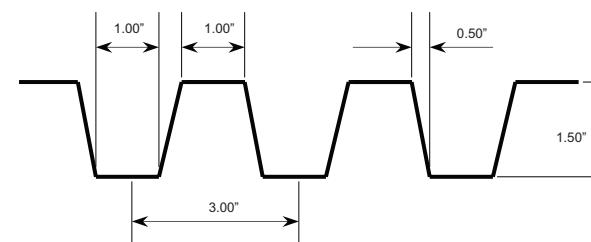
Trapezoid 1105 - 1/2" Deep, 1-1/2" OC



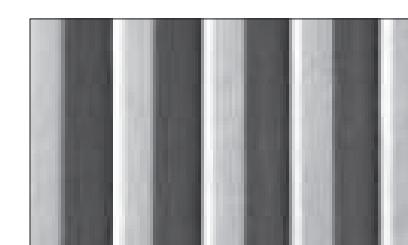
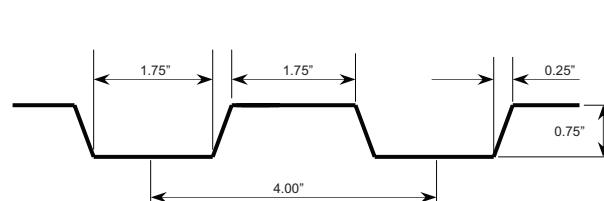
Trapezoid 1106 - 3/4" Deep, 1-1/2" OC



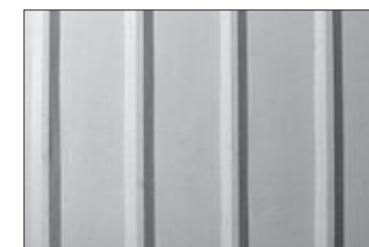
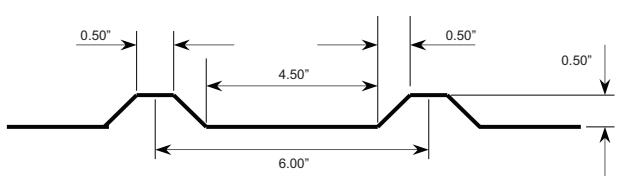
Trapezoid 1107 - 1-1/2" Deep, 3" OC



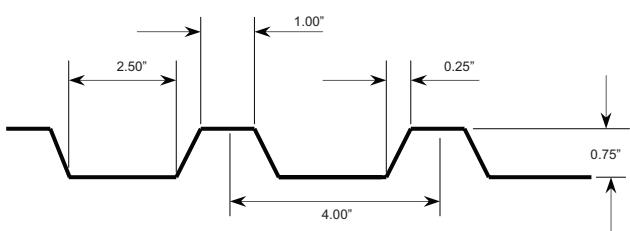
Trapezoid 1108 - 3/4" Deep, 4" OC



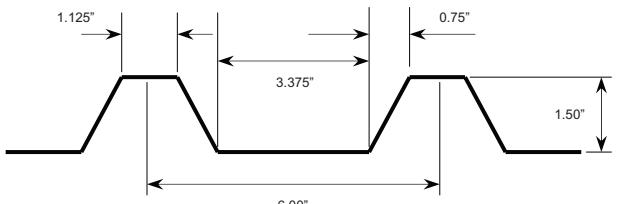
Trapezoid 1109 - 1/2" Deep, 6" OC



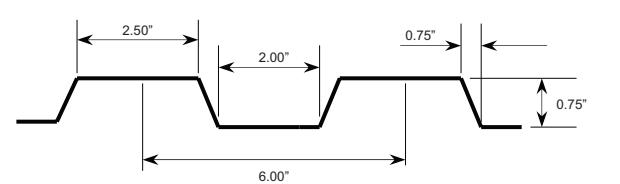
Trapezoid 1110 - 3/4" Deep, 4" OC



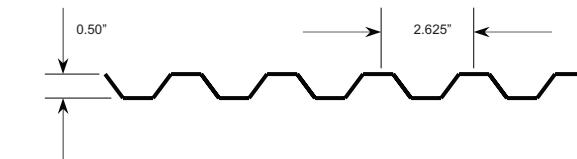
Trapezoid 1111 - 1-1/2" Deep, 6" OC



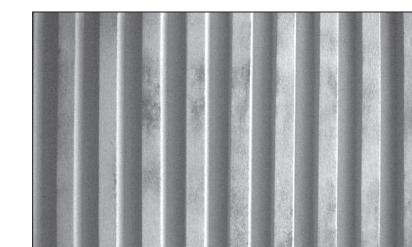
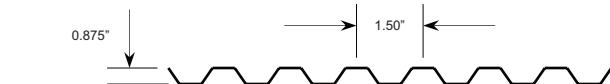
Trapezoid 1112 - 3/4" Deep, 6" OC



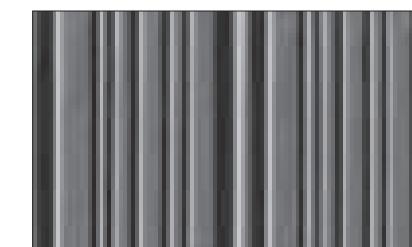
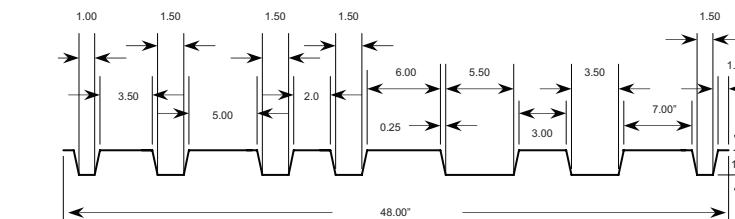
Trapezoid 1113 - 1/2" Deep, 2-5/8" OC



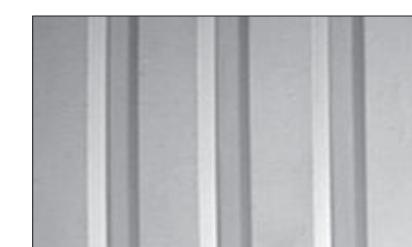
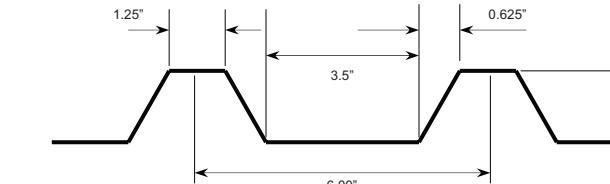
Trapezoid 1114 - 7/8" Deep, 1-1/2" OC



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

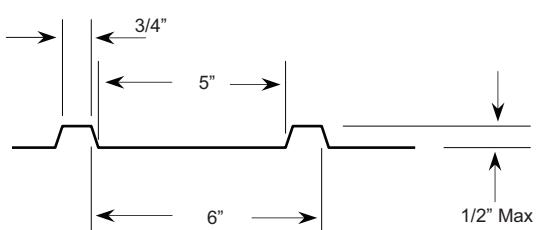


Trapezoid 1117 - 1-1/2" Deep, 6" OC

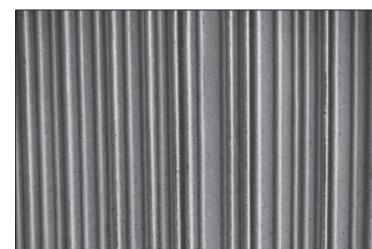
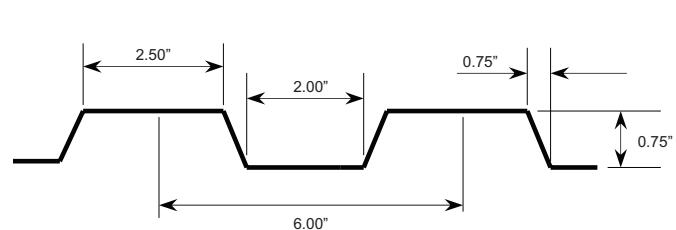


More Patterns...

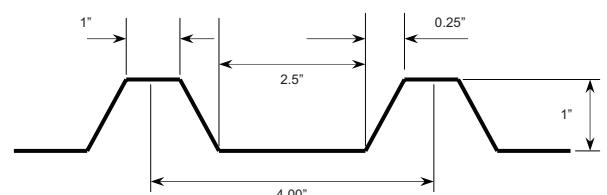
Trapezoid 1121 - 1/2" Deep, 6" OC



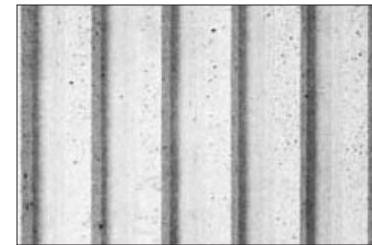
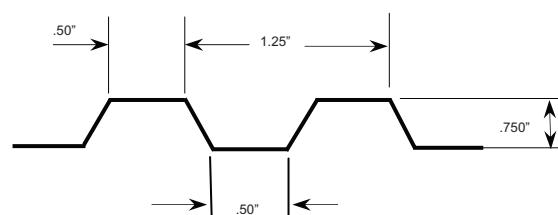
Trapezoid 1122 - Random Striations



Trapezoid 1127 - 1" Deep, 4" OC

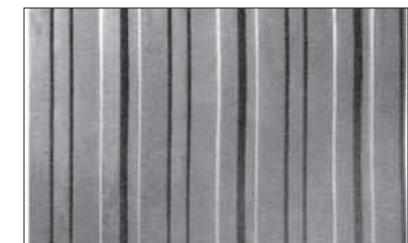
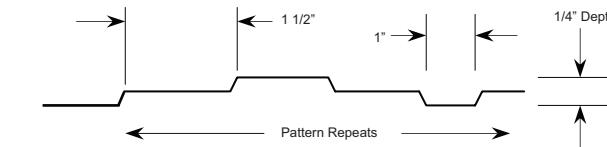


Trapezoid 1138 - 3/4" Deep, 1-1/4" OC

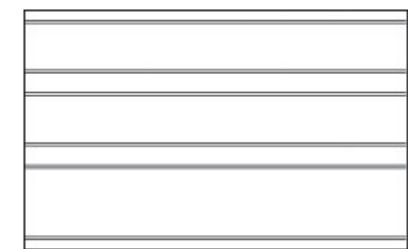
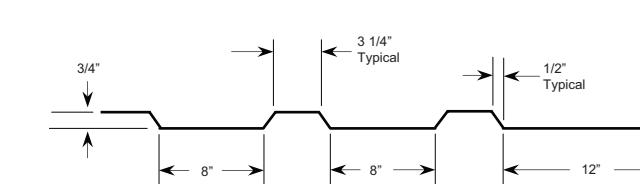


More Possibilities!

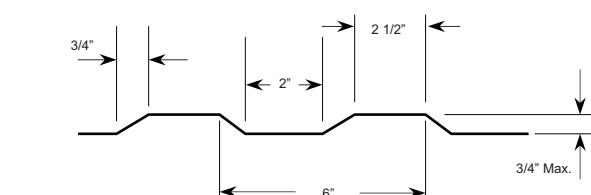
Trapezoid 1153 - 1/4" Deep Tri-Level



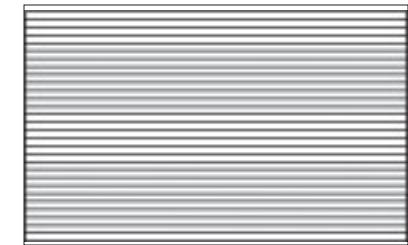
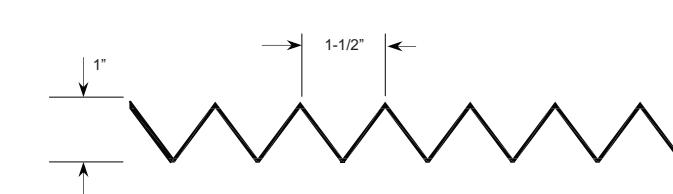
Trapezoid 1156 - 3/4" Deep Rib



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

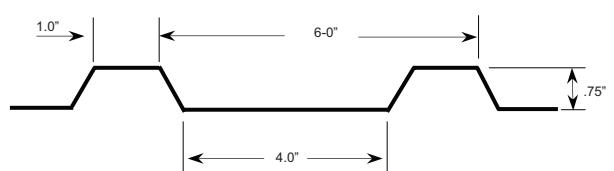


Trapezoid 1181 - Saw Tooth 1" Deep Rib, 1-1/2" OC

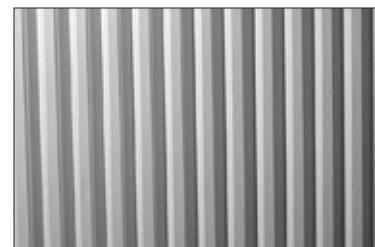
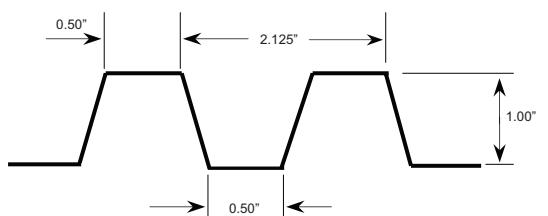


More Patterns...

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

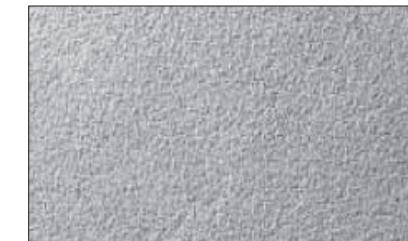


Trapezoid 1196 - 1" Deep, 2-1/8" OC

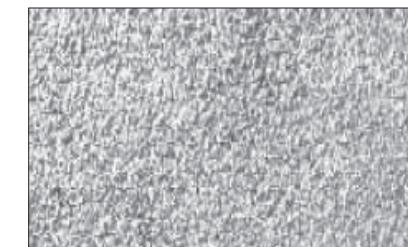


More Possibilities!

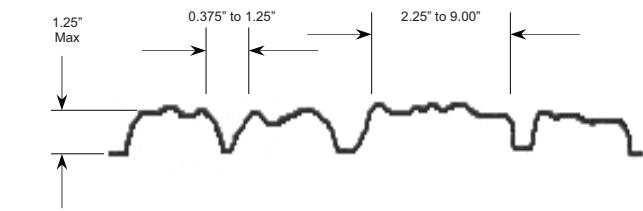
Stone 1200 - Light / Medium Sandblast



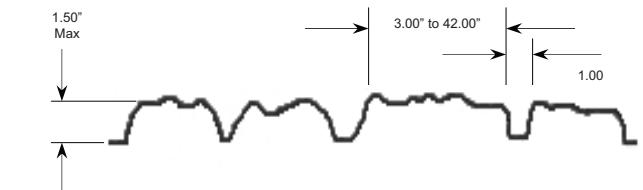
Stone 1201 - Heavy Sandblast

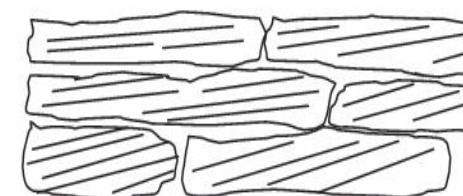
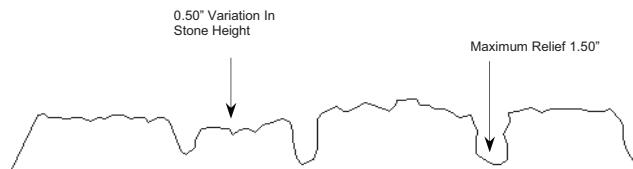
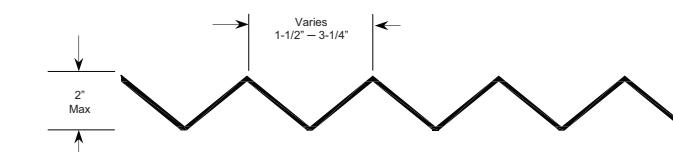
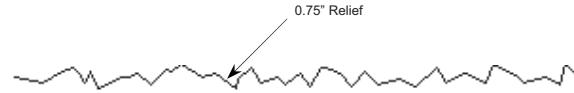
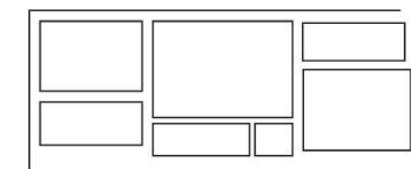
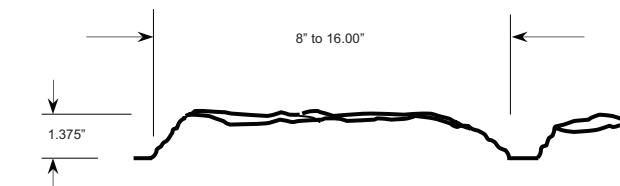
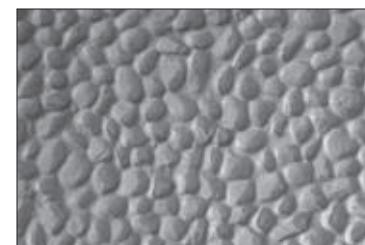
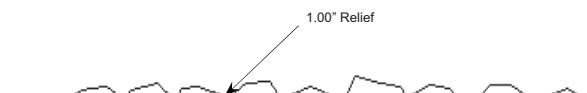
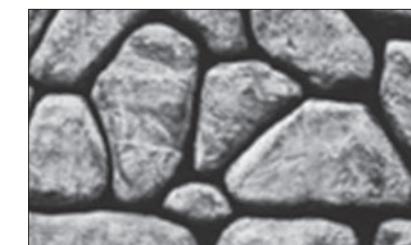


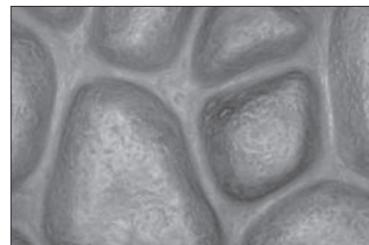
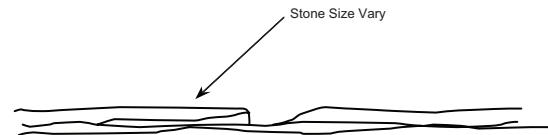
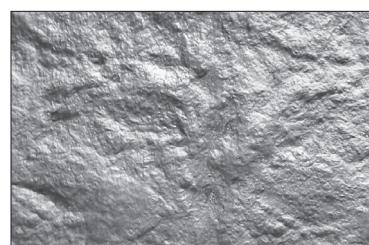
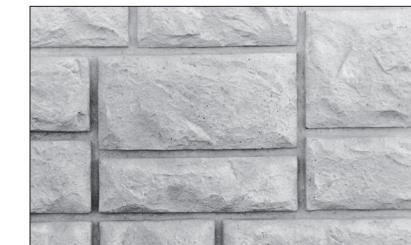
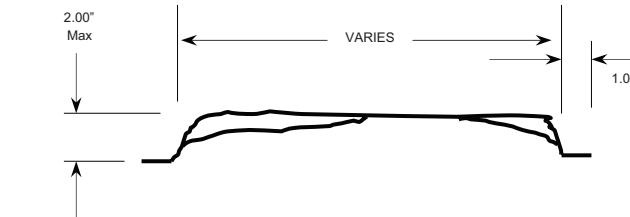
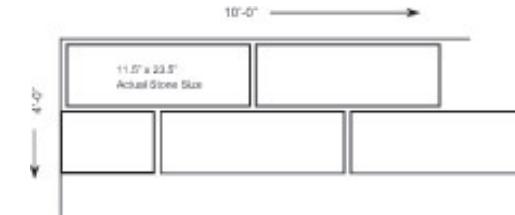
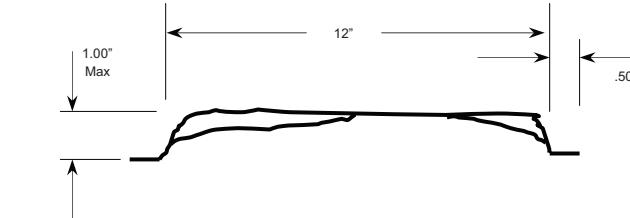
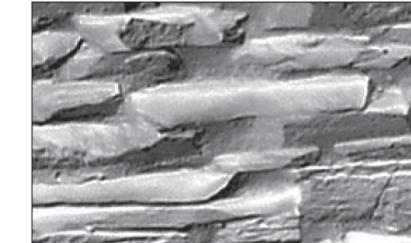
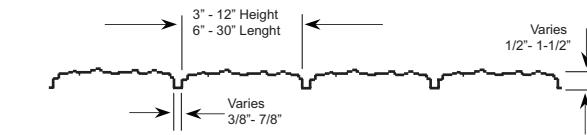
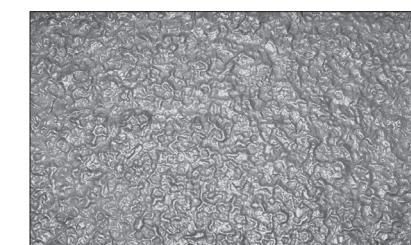
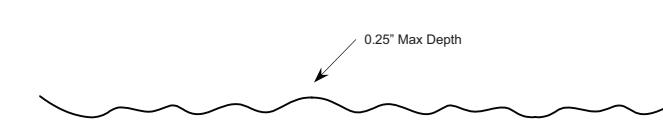
Stone 1202 - 1-1/4" Random Ashlar Stone



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

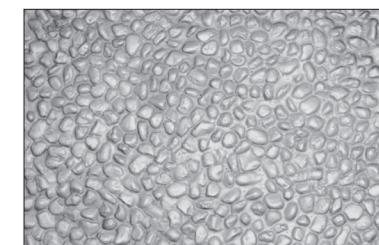
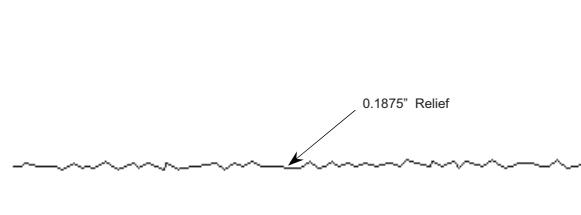


Stone 1204 - Dry Stack**Stone 1209 - 3/4" Fractured Granite****Stone 1205 - 3/4" Aggregate****Stone 1212 - Oregon Basalt****Stone 1206 - 3/4" Deep Fractured Concrete****Stone 1232 - Rustic Random Ashlar****Stone 1207 - 1" Quartz****Stone 1239 - Random Fieldstone**

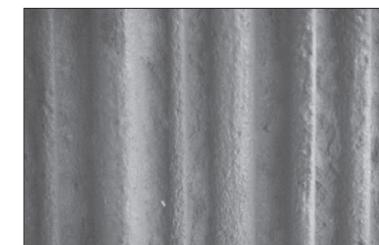
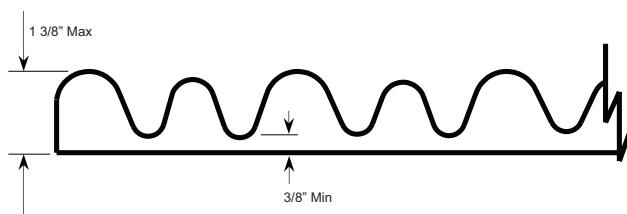
Stone 1240 - Random River Rock 3/4" Deep**Stone 1241 - Random River Rock 1-1/2" Deep****Stone 1255 - Vertical Flagstone****Stone 1265 - Limestone****Stone 1266 - 2" Random Ashlar Stone****Stone 1273 - Runningbond Ashlar Stone****Stone 1280 - Random Drystack****Stone 1281 - Bush Hammer**

More Patterns...

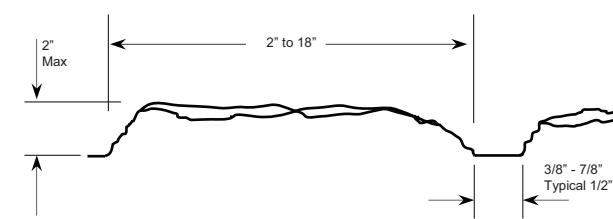
Stone 1285 - Pea Gravel



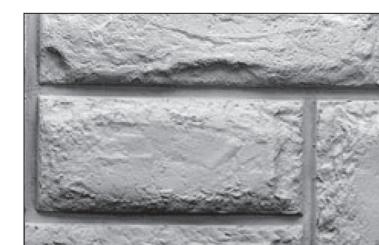
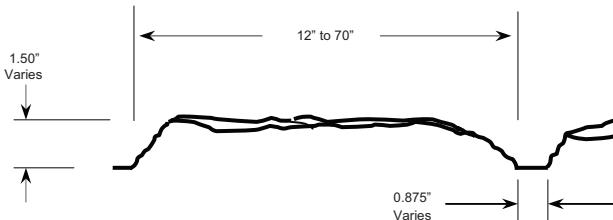
Stone 1290 - Phoenix Limestone



Stone 1295 - Sierra Drystack

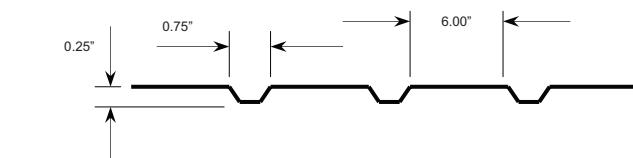


Stone 1296 - Long Island Ashlar

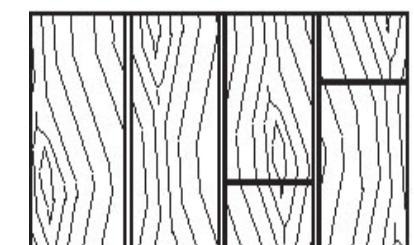
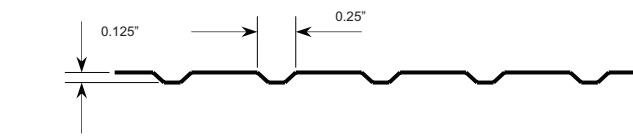


More Possibilities!

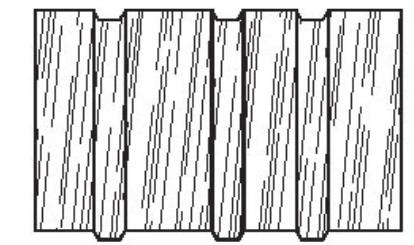
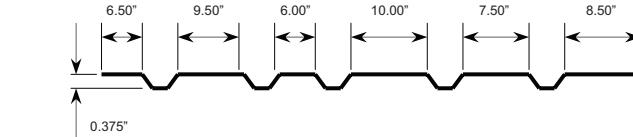
Wood 1300 - 1/4" Deep, 6" OC Grain



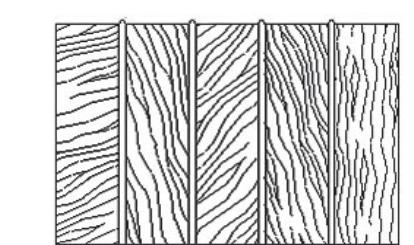
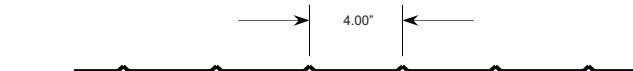
Wood 1301 - 1/8" Deep, 6" OC Pine Random Butt



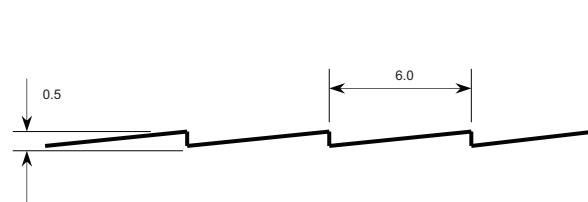
Wood 1302 - 3/8" Rough Sawn Random Boards



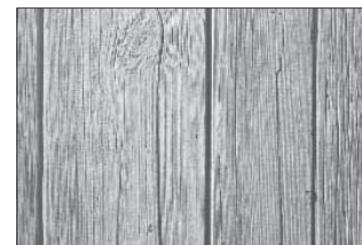
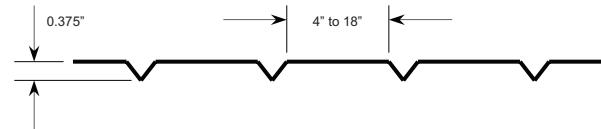
Wood 1303 - 1/4" Deep Cedar Plank, No Reveal



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



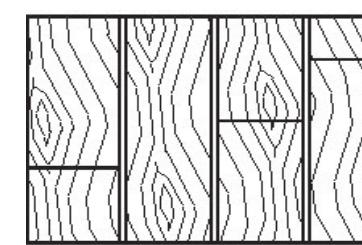
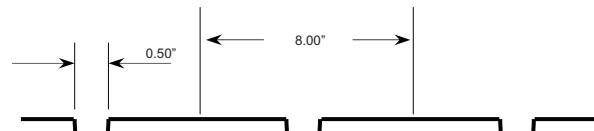
Wood 1305 - Barnwood



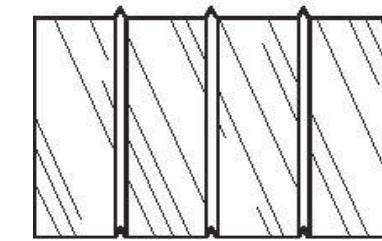
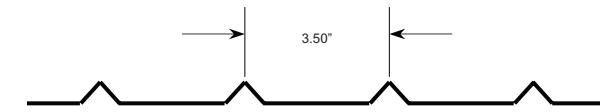
Wood 1306 - 3/4" Deep, 2" Cedar Gapestakes



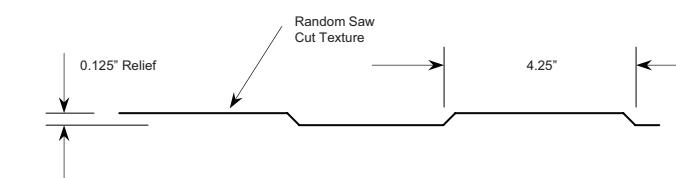
Wood 1308 - 8" OC Light Grain Random Butt Joints



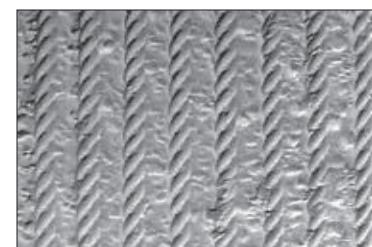
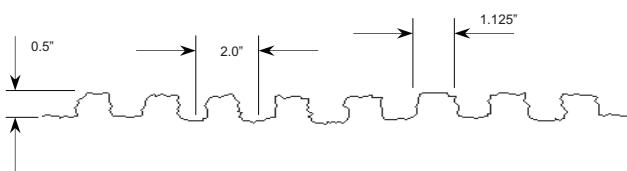
Wood 1309 - 3-1/2" OC Light Grain Protruding Reveal



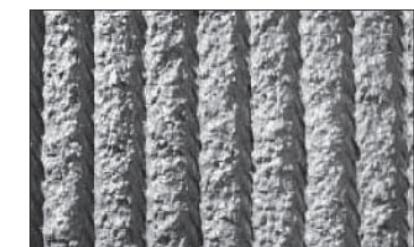
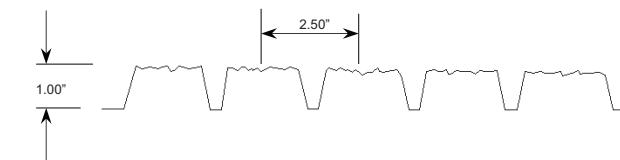
Wood 1345 - Extra Rough Sawn Plank



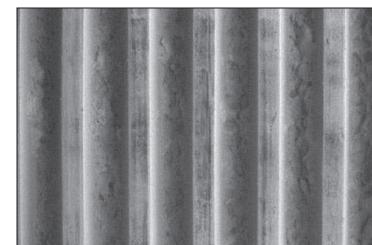
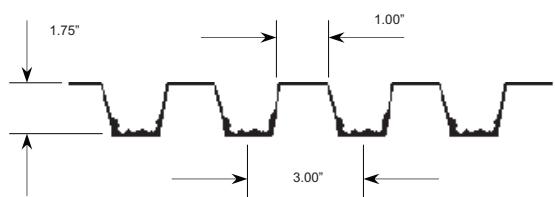
Fractured 1400 - 1/2" Rope



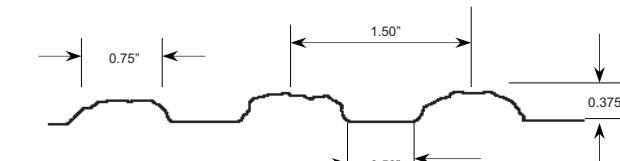
Fractured 1406 - 1" Deep, 2-1/2" OC Rib



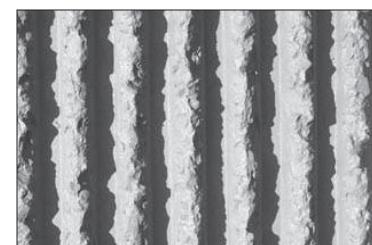
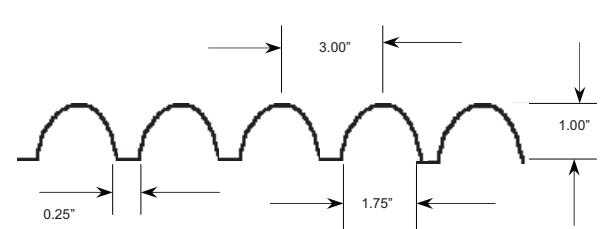
Fractured 1401 - 1-3/4" Deep, 3" OC Rib



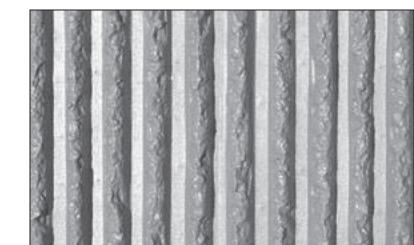
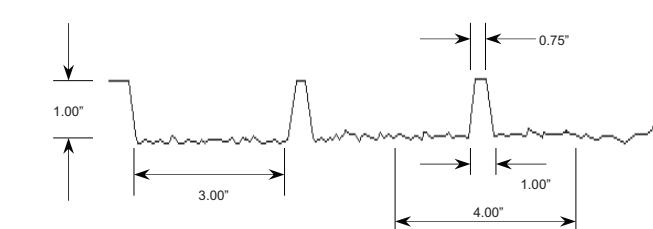
Fractured 1407 - 3/8" Deep, 1-1/2" OC Rib



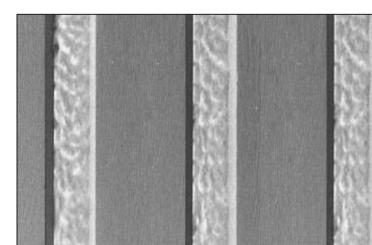
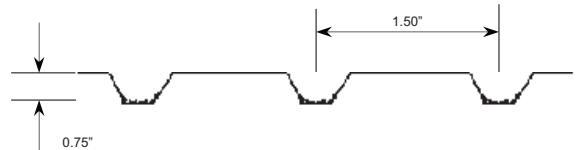
Fractured 1404 - 1" Deep, 3" OC Rib



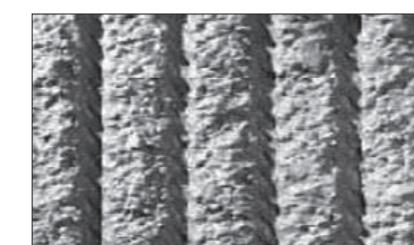
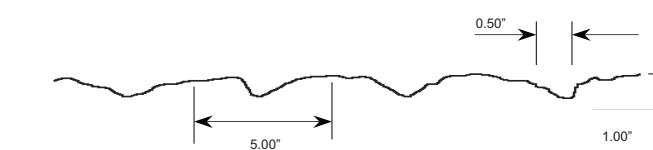
Fractured 1408 - 1" Deep, 4" OC 3" Split Face Rib



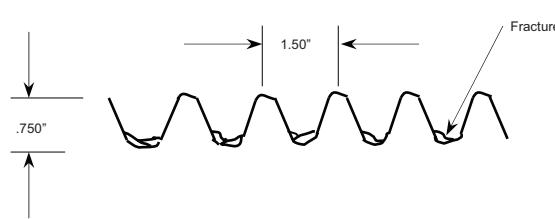
Fractured 1405 - 3/4" Deep, 1-1/2" OC Fin



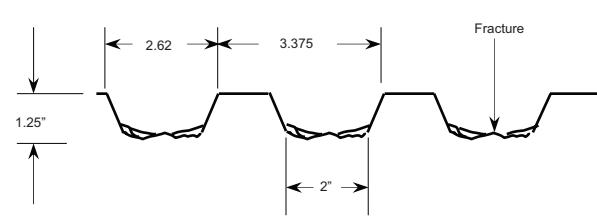
Fractured 1410 - 1" Deep, 5" OC Ripper Rebar



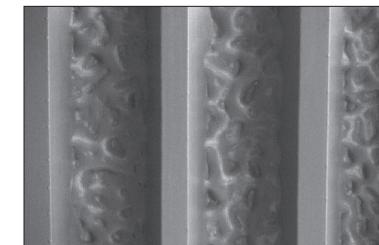
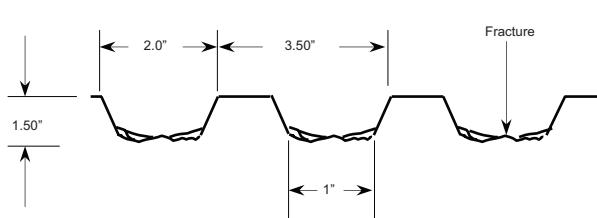
Fractured 1412 - 3/4" Fin, 1-1/2" OC



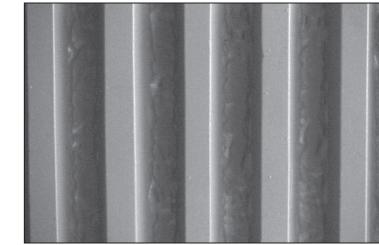
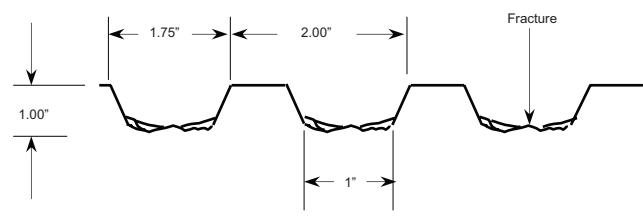
Fractured 1422 - 1-1/4" Fin, 3-3/8" OC



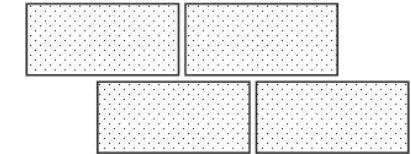
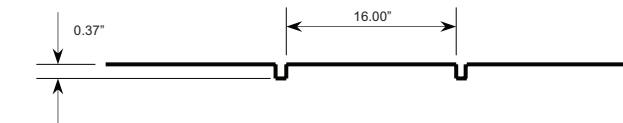
Fractured 1432 - 1-1/2" Fin, 3-1/2" OC



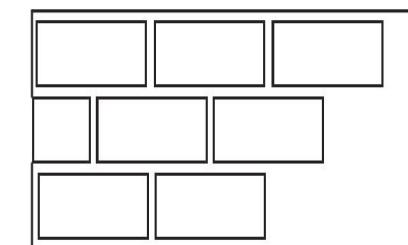
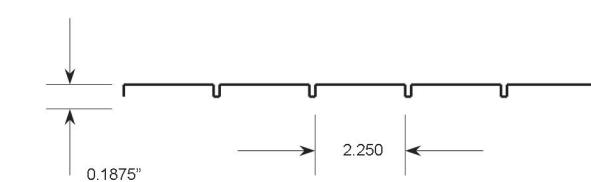
Fractured 1442 - 1" Fin, 2" OC



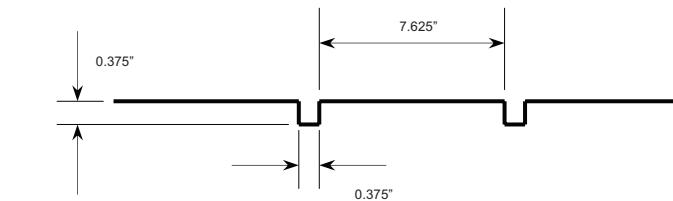
Masonry 1500 - 3/8" Deep, 8"x16" Cinder Block



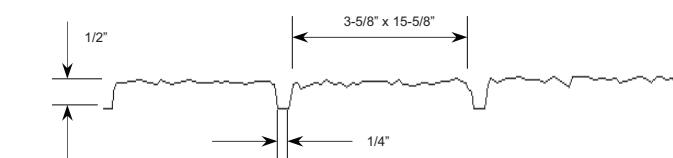
Masonry 1501 - 2-1/4"x7-1/2" English Brick



Masonry 1502 - 8"x8" Split Face Block

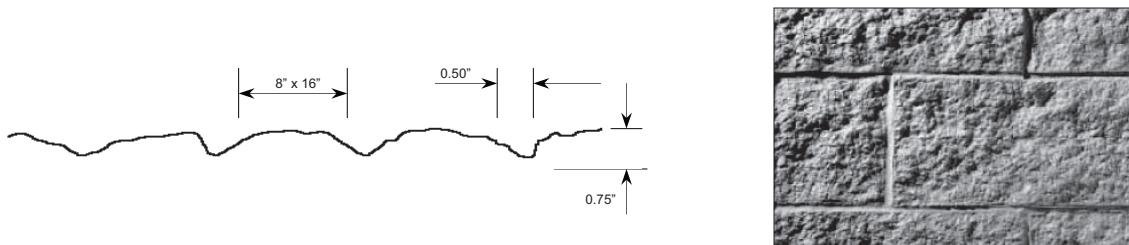


Masonry 1506 - 1/2" Deep, 4"x16" Slump Block

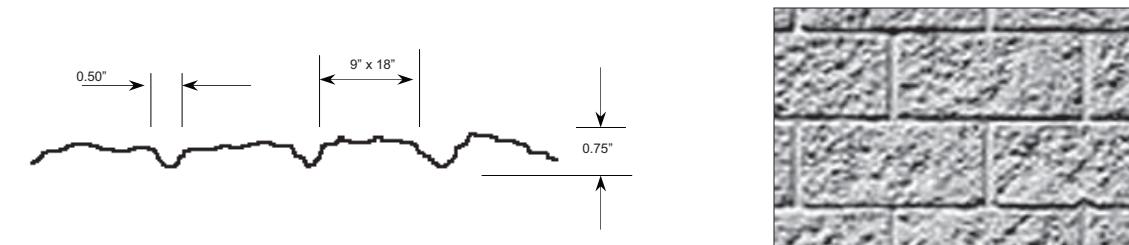


More Patterns...

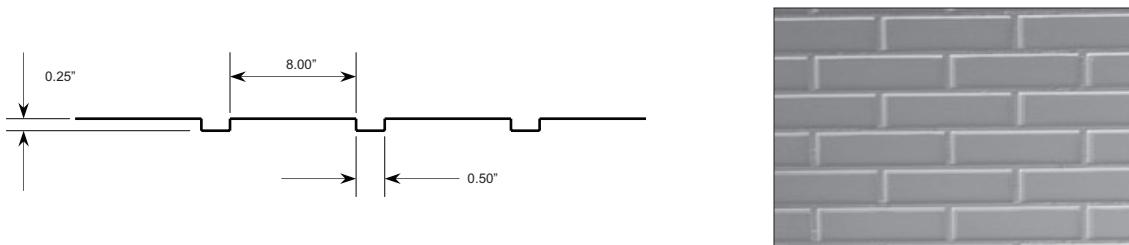
Masonry 1507 - 3/4" Deep, 8"x16" Textured Block



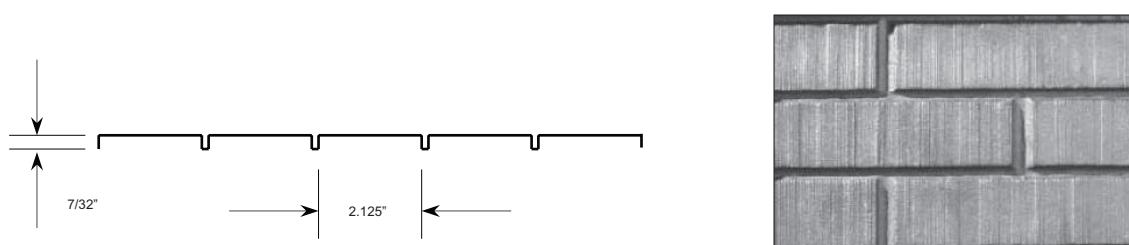
Masonry 1508 - 3/4" Deep, 9"x18" Split Face Block



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

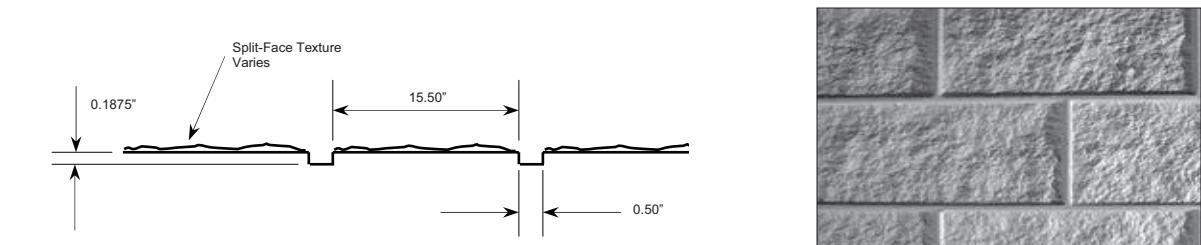


Masonry 1510 - 2-1/8"x7-1/2" Wire Cut Brick

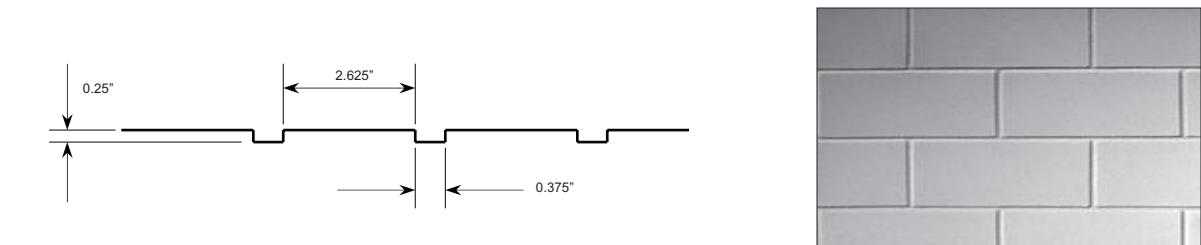


More Possibilities!

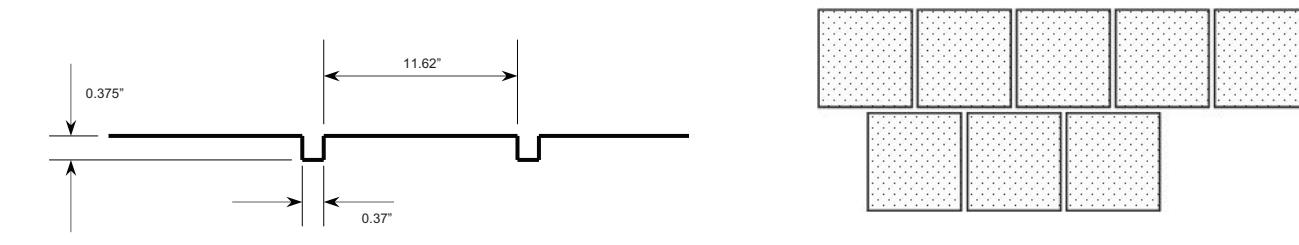
Masonry 1516 - 3/16" Deep, 8"x16" Split Face Block



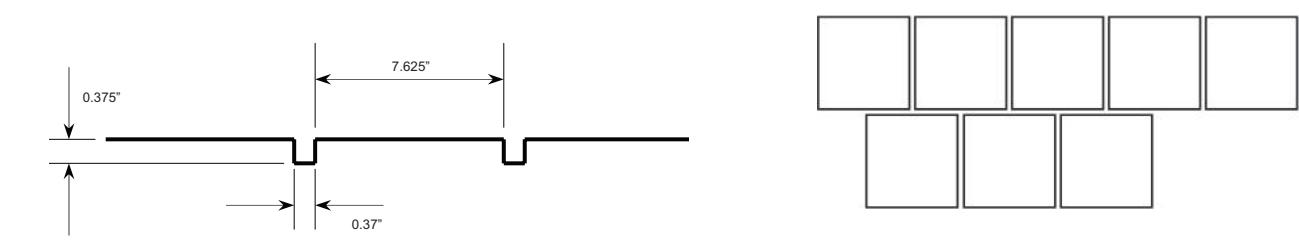
Masonry 1519 - 2-5/8"x7-5/8" Runningbond Block



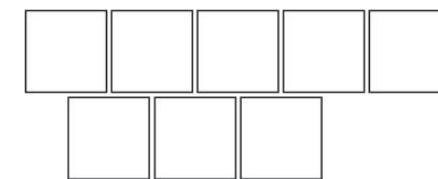
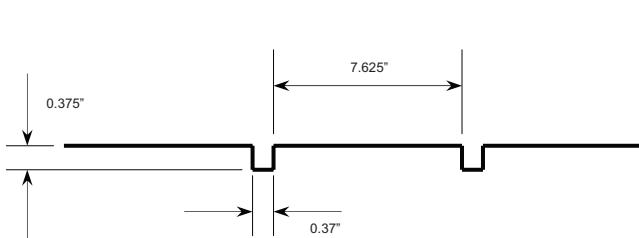
Masonry 1520 - 12"x12" Split Face Granite Block



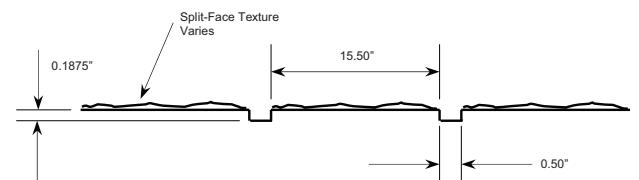
Masonry 1522 - 8"x8" Smooth Face Block



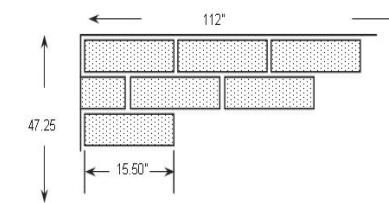
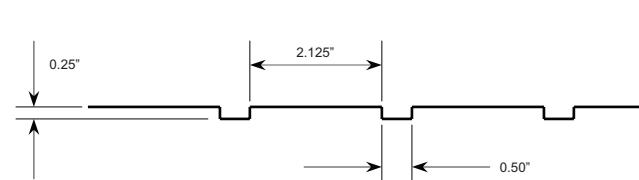
Masonry 1523 - 8"x8" Scored Face Block



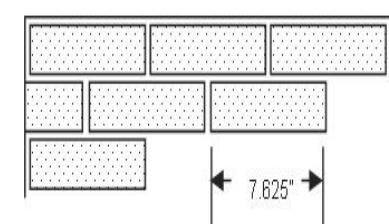
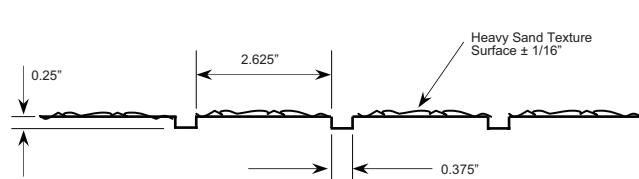
Masonry 1526 - 3/16" Deep, 8"x16" Stacked Split Face Block



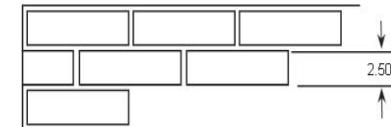
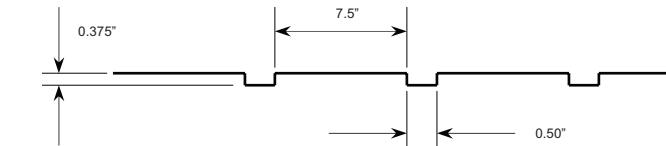
Masonry 1529 - 16"x2-5/8" Split Face Block



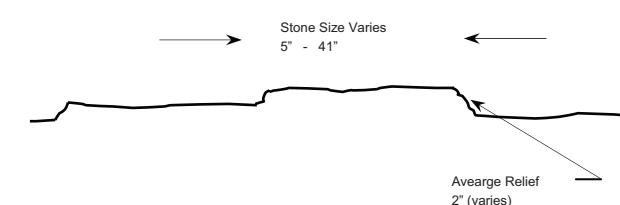
Masonry 1539 - 2-5/8"x7-5/8" Sand Cast Brick



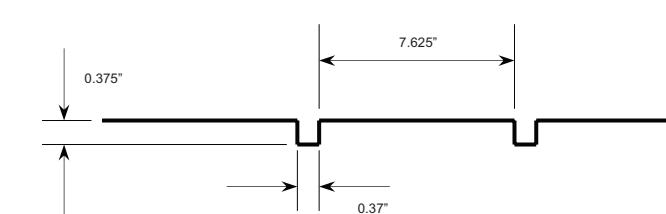
Masonry 1549 - 2-1/2"x7-1/2" Smooth Brick



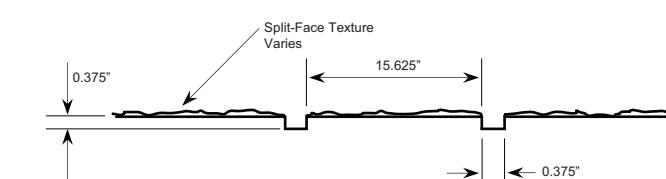
Masonry 1550 - Random Drystack



Masonry 1560 - 8"x8" Stacked Bond Block



Masonry 1577 - Split Face Block



Technical Data

Thermofrom

HIPS - High Impact Polystyrene

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 - Acrylonitrile Butadiene Styrene

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

Elastomeric

PE - Polyurethane Elastomer

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 - Premium Polyurethane Elastomer

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)

Properties	Rating	ASTM
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)

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

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

Properties	Rating	ASTM
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	

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

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

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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