American

## Formliners



## More Patterns... More Possibilities!

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, tiltup 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
- Single-use and multi-use material options
- Hard-to-find pattern lengths for versatility
- Edge-to-edge match for seamless appearance
- Cost-effective pricing and nationwide availability
- Custom capability for unique applications

Surface details are permanently molded into the formliner material during production, resulting in a consistent concrete appearance.

Geometric and high-relief textures are reproduced with single-use HIPS plastic, medium-use ABS plastic or extended-use urethane materials.

Formliners are used in cast-in-place, precast or tiltup forming. HIPS and ABS plastic materials can be installed using screws or staples. Urethane materials are typically plywood-mounted with adhesive and subsequently bolted to formwork.

## Trapezoid Patterns

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



Stone Patterns

1200 - Light / Medium Sandblast
1201 - Heavy Sandblast
1202 - 1-1/4" Random Ashlar Stone


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


## Wood Patterns

1300-1/4" Deep, 6" OC Grain
1301 - 1/8" Deep, 6" OC Pine Random Butt
1302 - 3/8" Rough Sawn Random Boards
1303 - 1/4" Deep Cedar Plank No Reveal
1304 - 1/2" Deep, 6" Smooth Shiplap
1305 - Barnwood
1306 - 3/4" Deep, 2" Cedar Grapestakes
1308 - 8" OC, Light Grain Random Butt Joints
1309 - 3-1/2" OC, Light Grain Protruding Reveal
1310 - 3-1/2" OC, Light Grain Random Butt Joints
1345 - Extra Rough Sawn Plank

## Fractured Fin Patterns




#### Abstract

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```
1400-1/2" Rope
1401 - 1-3/4" Deep, 3" OC Rib
1403 - 1-1/2" Deep, 6" OC Rib
1404 - 1" Deep, 3" OC Rib
1405 - 3/4" Deep, 1-1/2" OC Fin
1406 - 1" Deep, 2-1/2" OC Rib
1407 - 3/8" Deep, 1-1/2" OC Rib
1408 - 1" Deep, 4" OC 3" Split Face Rib
1410-1" Deep, 5" OC Ripper Rebar
1412 - 3/4" Fin, 1-1/2" OC
1422 - 1-1/4" Fin, 3-3/8" OC
1432 - 1-1/2" Fin, 3-1/2" OC 1442 - 1" Fin, 2" OC.
1400 - 1/2" Rope
403-1-1/2" Deep, 6" OC Rib
```



## Masonry Patterns

1500 - 3/8" Deep, 8" x 16" Cinder Block
1501 - 2-1/4" x 7-1/2" English Brick
1502 - 8" x 8" Split Face Block


1506 - 1/2" Deep, 4" x 16" Slump Block
1507 - 3/4" Deep, 8" x16" Textured Block
1508 - 3/4" Deep, 9" x 18" Split Face Block
1509 - 1/4" Deep, 2-1/2" x 8" Smooth Brick
1510 - 2-1/8" x 7-1/2" Wire Cut Brick
1516 - 3/16" Deep, 8 " x 16 Split Face Block
1519 - 2-5/8" x 7-5/8" Smooth Block Running Bond
$1520-12^{\prime \prime} \times 12^{\prime \prime}$ Split Face Granite Block
1522-8" x 8" Smooth Face Block
1523 - 8" x 8" Scored Smooth Face Block
1526 - 3/16" Deep, 8" x 16" Split Face Block Stacked
1529 - 16" x 2-5/8" Split Face Block

$1539-2-5 / 8 " \times 7-5 / 8^{\prime \prime}$ Sand Cast Brick
1549 - 2-1/2" x 7-1/2" Smooth Brick
1550 - Random Drystack
1560 - 8" x 8" Stacked Bond Block
1577 - Custom Split-Face Block


## Thermoform

HIPS - High Impact Polystyrene
ABS - Acrylonitrile Butadiene Styrene

## Elastomeric

PE - Polyurethane Elastomer

PPE - Premium Polyurethane Elastomer

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.

PE Formliners combine great resilience and high-tensile strength into a longwearing 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)

| HIPSHigh Impact Polystyrene <br> (Single use only) <br>  <br> Properties |  | Rating |
| :--- | :--- | :--- |$\quad$ ASTM


| ABS - Acrylonitrile-Butadiene Styrene <br> (Multiple uses up to 10 times) |  |  |
| :---: | :---: | :---: |
| Properties | Rating | ASTM |
| IZOD Impact, ft.-Ib/in. |  |  |
| @73 | 5.6 | D256 |
| @ $0^{\circ}$ | 1.9 | D256 |
| Tensile Strength | 5,300 psi | D638 |
| Heat Deflection |  |  |
| @264 psi | 199 | D648 |
| @66 psi | 211 | D648 |
| Falling Dart Impact, ft.-lb. |  |  |
| @ $3^{\circ}{ }^{\circ} \mathrm{F}$ | 23 |  |
| @ $40^{\circ} \mathrm{F}$ | 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 |  |


| PE - Polyurethane Elastomer <br> (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) |  |


| PPE - Premium Polyurethane Elastomer <br> (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: $4^{\prime} \times 10^{\prime}$
Length: $+1^{\prime \prime}$ to $2^{\prime \prime},-0$ " (shipped long for field trimming) Width: $\pm 1 / 4$ "
Thickness: $\pm 1 / 16$ " at edge (except formliners over 1 " thick)
Custom size: At customer request, additional charge.

## Leave a lasting impression with formliners!



More patterns...

- Trapezoids
- Stones
- Wood Grains
- Fractured Fins
- Masonry
- Custom Services

More possibilities...

- 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

