

Masonry Patterns







Masonry Patterns

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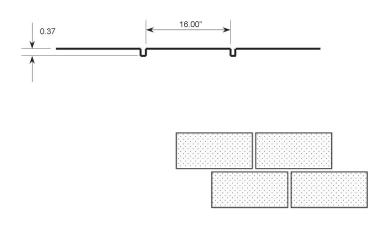


Masonry 1500 - 3/8" Deep, 8"x16" Cinder Block

HIPS - High Impact Polystyrene		
(Sing	le use only)	
<u>Properties</u>	Rating	ASTM
IZOD Impact, ftlb/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	
	rile-Butadiene Styre	ene
(Multiple us	es up to 10 times)	
	Rating	ASTM
IZOD Impact, ftlb/in.		
@73°	5.6	D256
@0°	1.9	D256
Tensile Strength	5,300 psi	D638
Heat Deflection	400	D.0.40
@264 psi	199	D648
@66 psi	211	D648
Falling Dart Impact, ftlb. @73°F	00	
@40°F	23 14	
Specific Gravity	1.05	D792
Wt. lb./sq.ft.	1.00	D132
.070 mil	.451	
.090 mil	.580	
.110 mil	.705	
.130 mil	.833	
.150 mil	.961	
	ethane Elastomer	
(Multiple use	s up to 40-50 times)	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
PPF - Promium P	olyurethane Elasto	mor
	s up to 100+ times)	
Properties	Rating	ASTM
Shore A Hardness	60-65	D2240
Tear Strength, PLI	120	D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638
	0.555	
Tolerances @ 70F (All patterns, all materials)		
	ns, all materials)	
Standard size: 4'x10'		
Length: +1" to 2", -0" (shipped long for field trimming)		
Width: ± 1/4" Thickness: + 1/16" at edge	(excent over 1" thick)	N N

Thickness: ± 1/16" at edge (except over 1" thick)

Custom size: At customer request, additional charge.



Application Summary

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

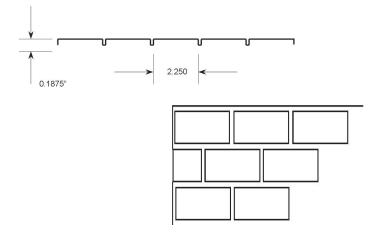


Masonry 1501 - 2-1/4"x7-1/2" English Brick

HIPS - High Impact Polystyrene (Single use only)		
Properties	Rating	ASTM
IZOD Impact, ftlb/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	
	itrile-Butadiene S	
(Multiple)	uses up to 10 time	s)
Properties	Rating	ASTM
IZOD Impact, ftlb/in.		B
@73°	5.6	D256
@0°	1.9	D256
Tensile Strength	5,300 psi	D638
Heat Deflection	400	D 2 4 2
@264 psi	199	D648
@66 psi	211	D648
Falling Dart Impact, ftlb.		
@73°F	23	
@40°F	14	D7 00
Specific Gravity	1.05	D792
Wt. Ib./sq.ft.		
.070 mil	.451	
.090 mil	.580	
.110 mil	.705	
.130 mil	.833	
.150 mil	.961	
	urethane Elastom	
	ses up to 40-50 tim	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
	Polyurethane Ela ses up to 100+ tim	
Properties	Rating	ASTM
Shore A Hardness	60-65	D2240
Tear Strength, PLI	120	D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638
	rances @ 70F	
	erns, all materials)	
Standard size: 4'x10'		
Length: +1" to 2", -0" (ship Width: $\pm 1/4$ "	oped long for field	trimming)
Thickness: ± 1/16" at edge	e (except over 1" t	hick)

Thickness: ± 1/16" at edge (except over 1" thick)

Custom size: At customer request, additional charge.



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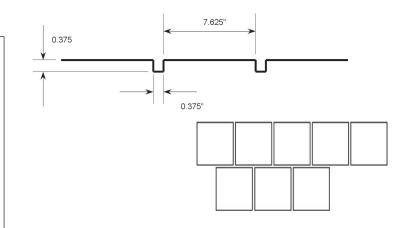


Masonry 1502 - 8"x8" Split Face Block

HIPS - High Impact Polystyrene (Single use only)		
Properties	Rating	ASTM
IZOD Impact, ftlb/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.	4.40	
.070 mil	.449	
.090 mil .110 mil	.577	
.130 mil	.705 .833	
.150 mil	.966	
.150 mil	.500	
	rile-Butadiene Styre ses up to 10 times)	ene
Properties	Rating	ASTM
IZOD Impact, ftlb/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, ftlb.	00	
@73°F	23	
@40°F Specific Crovity	14	D702
Specific Gravity Wt. lb./sq.ft.	1.05	D792
.070 mil	.451	
.090 mil	.580	
.110 mil	.705	
.130 mil	.833	
.150 mil	.961	
PE - Polyur	ethane Elastomer	
(Multiple use	s up to 40-50 times)	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
PPF - Premium F	Polyurethane Elasto	mer
	es up to 100+ times)	
Properties	Rating	ASTM
Shore A Hardness	60-65	D2240
Tear Strength, PLI	120	D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638
Talan	2000 @ 70E	
Tolerances @ 70F (All patterns, all materials)		
Standard size: 4'x10'	, an matorialoj	
Length: +1" to 2", -0" (shipp	ed long for field trime	mina)
Width: $\pm 1/4$ "		

Thickness: $\pm 1/16$ " at edge (except over 1" thick)

Custom size: At customer request, additional charge.



Application Summary

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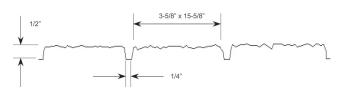


Masonry 1506 - 1/2" Deep, 4"x16" Slump Block

HIPS - High Impact Polystyrene		
(Sing	le use only)	
	Rating	ASTM
IZOD Impact, ftlb/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	
	rile-Butadiene Styre	ene
(Multiple us	ses up to 10 times)	
Properties	Rating	ASTM
IZOD Impact, ftlb/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, ftlb.		
@73°F	23	
@40°F	14	D700
Specific Gravity	1.05	D792
Wt. lb./sq.ft.	454	
.070 mil	.451	
.090 mil	.580	
.110 mil .130 mil	.705 .833	
.150 mil	.961	
.150 mil	.901	
	ethane Elastomer	
(Multiple use	s up to 40-50 times)	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
PPE - Premium F	olyurethane Elasto	mer
(Multiple use	es up to 100+ times)	
Properties	Rating	ASTM
Shore A Hardness	60-65	D2240
Tear Strength, PLI	120	D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638
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	(excent over 1" thick)
1110 al Cuyo	Concord of a dillor	1

Thickness: ± 1/16" at edge (except over 1" thick)

Custom size: At customer request, additional charge.





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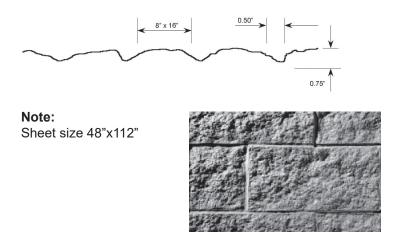
Form Release



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

HIPS - High Impact Polystyrene		
	gle use only)	
Properties	Rating	ASTM
IZOD Impact, ftlb/in.	2.0	DOFC
@70°F @0°F	2.0 1.3	D256
Tensile Strength	3,700 psi	D256 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	
	rile-Butadiene Styre	ene
	ses up to 10 times)	
Properties	Rating	ASTM
IZOD Impact, ftlb/in.		B
@73°	5.6	D256
@0° Tanaila Strangth	1.9 5.200 poi	D256
Tensile Strength Heat Deflection	5,300 psi	D638
@264 psi	199	D648
@66 psi	211	D648
Falling Dart Impact, ftlb.		2010
@73°F	23	
@40°F	14	
Specific Gravity	1.05	D792
Wt. lb./sq.ft.		
.070 mil	.451	
.090 mil	.580	
.110 mil .130 mil	.705	
.150 mil	.833 .961	
.150 mil	.901	
	rethane Elastomer	
	s up to 40-50 times)	
Properties	Rating	ASTM
Shore A Hardness	45-50 55	D2240 D624
Tear Strength, PLI Tensile Strength, psi	55 500	D624 D638
Ultimate Elongation	40%	D638
Chinate Elongation	4070	2000
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
Ultimate Elongation	1200%	D638
Tolerances @ 70F		
(All patterns, all materials)		
Standard size: 4'x10'		
Length: +1" to 2", -0" (shipp	ed long for field trim	ming)
Width: $\pm 1/4$ "	(avaant avan 1" think	\ \
Thickness: ± 1/16" at edge	(except over 1 thick)

Custom size: At customer request, additional charge.



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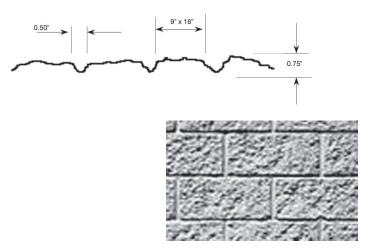


Masonry 1508 - 3/4" Deep, 9"x18" Split Face Block

HIPS - High Impact Polystyrene (Single use only)		
Properties	Rating	ASTM
IZOD Impact, ftlb/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	
ABS - Acrylonit	rile-Butadiene Styre	no
	ses up to 10 times)	
	Rating	ASTM
IZOD Impact, ftlb/in.		
@73°	5.6	D256
@0°	1.9	D256
Tensile Strength Heat Deflection	5,300 psi	D638
@264 psi	199	D648
@66 psi	211	D648
Falling Dart Impact, ftlb.		
@73°F	23	
@40°F	14	
Specific Gravity	1.05	D792
Wt. Ib./sq.ft.	454	
.070 mil	.451	
.090 mil	.580	
.110 mil .130 mil	.705 .833	
.150 mil	.961	
	ethane Elastomer	
	s up to 40-50 times)	
	Rating	ASTM
Shore A Hardness Tear Strength, PLI	45-50 55	D2240 D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
0		
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
Ultimate Elongation	1200%	D638
Tolerances @ 70F		
(All patterns, all materials)		
Standard size: 4'x10'		
Length: +1" to 2", -0" (shipped long for field trimming) Width: $\pm 1/4$ "		

Thickness: $\pm 1/16$ " at edge (except over 1" thick)

Custom size: At customer request, additional charge.



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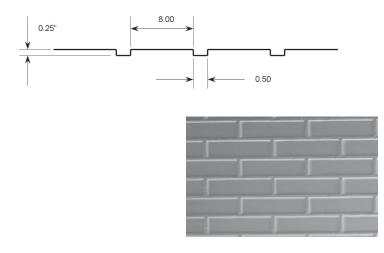
Form Release



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

HIPS - High Impact Polystyrene (Single use only)		
Properties	Rating	ASTM
IZOD Impact, ftlb/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	
	rile-Butadiene Styre ses up to 10 times)	ene
		ACTN
Properties IZOD Impact, ftlb/in.	Rating	ASTM
@73°	5.6	D256
@0°	1.9	D256
Tensile Strength	5,300 psi	D230 D638
Heat Deflection	0,000 p3i	2000
@264 psi	199	D648
@66 psi	211	D648
Falling Dart Impact, ftlb.		2010
@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	
	rethane Elastomer	
	s up to 40-50 times)	
Properties		ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi Ultimate Elongation	500 40%	D638 D638
-	Polyurethane Elasto	
	es up to 100+ times)	
Properties	Rating	ASTM
Shore A Hardness	60-65	D2240
Tear Strength, PLI	120	D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638
Tolerances @ 70F		
(All patterns, all materials)		
Standard size: 4'x10'		
Length: +1" to 2", -0" (shipped long for field trimming) Width: $\pm 1/4$ "		
Thickness: ± 1/16" at edge (except over 1" thick)		

Custom size: At customer request, additional charge.



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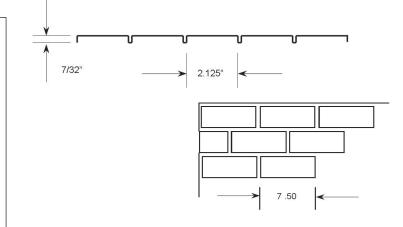


Masonry 1510 - 2-1/8"x7-1/2" Wire Cut Brick

	Impact Polystyrene	
(Sing	gle use only)	
Properties	Rating	ASTM
IZOD Impact, ftlb/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	440	
.090 mil	.449 .577	
.110 mil	.705	
.130 mil	.833	
.150 mil	.966	
	rile-Butadiene Styre	ene
(Multiple us	ses up to 10 times)	
Properties	Rating	ASTM
IZOD Impact, ftlb/in.		
@73°	5.6	D256
@0°	1.9	D256
Tensile Strength	5,300 psi	D638
Heat Deflection	100	DC40
@264 psi @66 psi	199 211	D648 D648
Falling Dart Impact, ftlb.	211	D040
@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	
PE - Polyu	rethane Elastomer	
	es up to 40-50 times)	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
	Polyurethane Elasto es up to 100+ times)	omer
Properties	Rating	ΔςτΜ
Shore A Hardness	60-65	<u>ASTM</u> D2240
Tear Strength, PLI	120	D2240 D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638
C C		
Tolerances @ 70F		
(All patterns, all materials)		
Standard size: 4'x10'		
Length: +1" to 2", -0" (shipp	ed long for field trim	ming)
Width: $\pm 1/4$ "		

Thickness: $\pm 1/16$ " at edge (except over 1" thick)

Custom size: At customer request, additional charge.



Application Summary

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.

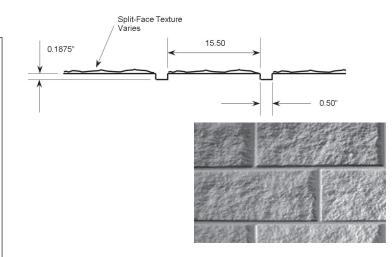
Form Release



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

HIPS - High Impact Polystyrene (Single use only)		
	,	ASTM
Properties IZOD Impact, ftlb/in.	Rating	ASTM
@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.	212	D1020
.070 mil	.449	
.090 mil	.577	
.110 mil	.705	
.130 mil	.833	
.150 mil	.966	
	.000	
	rile-Butadiene Styre ses up to 10 times)	ene
Properties	Rating	ASTM
IZOD Impact, ftlb/in.		
@73°	5.6	D256
@0°	1.9	D256
Tensile Strength	5,300 psi	D638
Heat Deflection	0,000 poi	2000
@264 psi	199	D648
@66 psi	211	D648
Falling Dart Impact, ftlb.		
@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	
	ethane Elastomer	
(Multiple use	s up to 40-50 times)	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
PPE - Premium Polyurethane Elastomer		
(Multiple use	es up to 100+ times)	
Properties	Rating	ASTM
Shore A Hardness	60-65	D2240
Tear Strength, PLI	120	D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638
Tolerances @ 70F (All patterns, all materials)		
Standard size: 4'x10'		
Length: +1" to 2", -0" (shipped long for field trimming) Width: \pm 1/4"		
Thickness: ± 1/16" at edge (except over 1" thick)		

Custom size: At customer request, additional charge.



Application Summary

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.

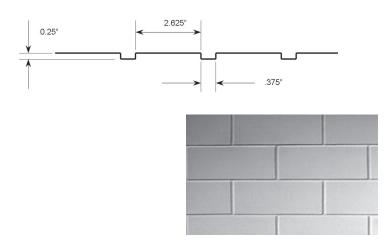
Form Release



Masonry 1519 - 2-5/8"x7-5/8" Running Bond

HIPS - High Impact Polystyrene		
(Sing	gle use only)	
Properties	Rating	ASTM
IZOD Impact, ftlb/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	
ABS - Acrylonit	rile-Butadiene Styre	ene
	ses up to 10 times)	
Properties	Rating	ASTM
IZOD Impact, ftlb/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, ftlb.		
@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	
PE - Polyu	rethane Elastomer	
(Multiple use	es up to 40-50 times)	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
PPF - Promium I	Polyurethane Elasto	mor
	es up to 100+ times)	
Properties	Rating	ASTM
Shore A Hardness	60-65	D2240
Tear Strength, PLI	120	D2240 D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638
-		
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 over 1" thick)

Custom size: At customer request, additional charge.



Application Summary

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

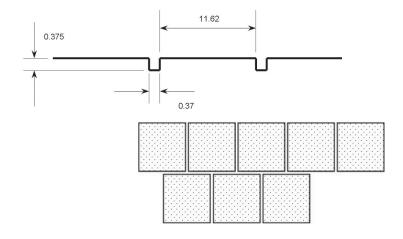


Masonry 1520 - 12"x12" Split Face Granite Block

HIPS - High Impact Polystyrene (Single use only)		
Properties	Rating	ASTM
IZOD Impact, ftlb/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	440	
.090 mil	.449 .577	
.110 mil	.705	
.130 mil	.833	
.150 mil	.966	
	rile-Butadiene Styre ses up to 10 times)	ene
Properties	Rating	ASTM
IZOD Impact, ftlb/in.		
@73°	5.6	D256
@0°	1.9	D256
Tensile Strength	5,300 psi	D638
Heat Deflection		
@264 psi	199	D648
@66 psi Falling Dart Impact ft Jb	211	D648
Falling Dart Impact, ftlb. @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	
	ethane Elastomer	
· · ·	s up to 40-50 times)	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55 500	D624
Tensile Strength, psi Ultimate Elongation	500 40%	D638 D638
Shimate Liongation	4070	2000
	Polyurethane Elasto es up to 100+ times)	mer
	• • •	ACTM
Properties Shore A Hardness	Rating 60-65	ASTM D2240
Tear Strength, PLI	60-65 120	D2240 D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638
5		
Tolerances @ 70F		
	ns, all materials)	
Standard size: 4'x10'		
Length: +1" to 2", -0" (shipp Width: ± 1/4"	ed long for field trimr	ning)
Willin I 1/4 Thickness: + 1/16" at edge (excent over 1" thick)		

Thickness: ± 1/16" at edge (except over 1" thick)

Custom size: At customer request, additional charge.



Application Summary

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.

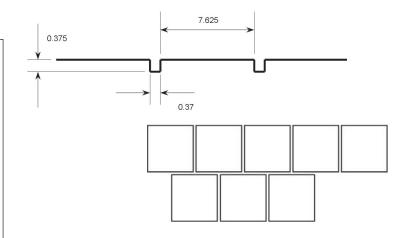
Form Release



Masonry 1522 - 8"x8" Smooth Face Block

HIPS - High Impact Polystyrene (Single use only)		
Properties	Rating	ASTM
IZOD Impact, ftlb/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	
	rile-Butadiene Styre ses up to 10 times)	ene
Properties	Rating	ASTM
IZOD Impact, ftlb/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, ftlb.		
@73°F	23	
@40°F	14	
Specific Gravity	1.05	D792
Wt. Ib./sq.ft.		
.070 mil	.451	
.090 mil	.580	
.110 mil	.705	
.130 mil	.833	
.150 mil	.961	
	ethane Elastomer	
(Multiple use	s up to 40-50 times)	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
PPE - Premium P	olyurethane Elasto	mer
	s up to 100+ times)	
Properties	Rating	ASTM
Shore A Hardness	60-65	D2240
Tear Strength, PLI	120	D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638
Talana		
	ances @ 70F ns, all materials)	
	no, un matorialoj	
Standard size: 4'x10'		
Length: +1" to 2", -0" (shipped long for field trimming) Width: ± 1/4"		
Thickness: ± 1/16" at edge (except over 1" thick)		

Thickness: ± 1/16" at edge (except over 1" thick) Custom size: At customer request, additional charge.



Application Summary

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



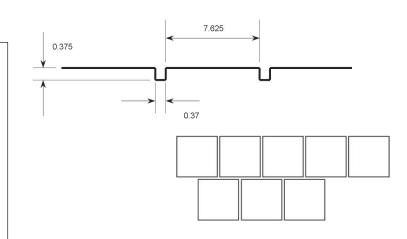
Masonry 1523 - 8"x8" Scored Smooth Face Block

HIPS - High Impact Polystyrene			
	gle use only)		
Properties	Rating	ASTM	
IZOD Impact, ftlb/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		
ABS - Acrylonit	rile-Butadiene Styre	ene	
(Multiple us	ses up to 10 times)		
Properties	Rating	ASTM	
IZOD Impact, ftlb/in.			
@73°	5.6	D256	
@0° Tanaila Strangth	1.9 5.200 poi	D256	
Tensile Strength Heat Deflection	5,300 psi	D638	
@264 psi	199	D648	
@66 psi	211	D648	
Falling Dart Impact, ftlb.	2	2010	
@73°F	23		
@40°F	14		
Specific Gravity	1.05	D792	
Wt. lb./sq.ft.			
.070 mil	.451		
.090 mil	.580		
.110 mil .130 mil	.705		
.150 mil	.833 .961		
.130 mil	.901		
PE - Polyu	rethane Elastomer		
(Multiple use	es up to 40-50 times)		
Properties	Rating	ASTM	
Shore A Hardness	45-50	D2240	
Tear Strength, PLI	55	D624	
Tensile Strength, psi	500	D638	
Ultimate Elongation	40%	D638	
DDE - Dromium I	Polyurethane Elasto	mor	
	es up to 100+ times)	lilei	
Properties	Rating	ASTM	
Shore A Hardness	60-65	ASTM D2240	
Tear Strength, PLI	120	D624	
Tensile Strength, psi	1150	D638	
Ultimate Elongation	1200%	D638	
-			
	ances @ 70F		
(All patterns, all materials)			
Standard size: 4'x10'			
Length: +1" to 2", -0" (shipp Width: ± 1/4"	bed long for field trimi	ming)	

Width + 1/4"

Thickness: ± 1/16" at edge (except over 1" thick)

Custom size: At customer request, additional charge.



Application Summary

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

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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

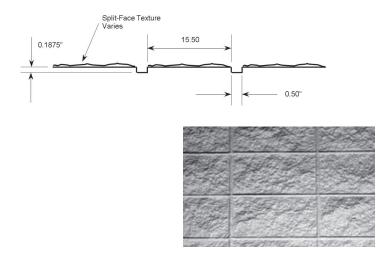


Masonry 1526 - 3/16" Deep, 8"x16" Stacked

	<pre>Impact Polystyr igle use only)</pre>	ene
Properties	Rating	ASTM
IZOD Impact, ftlb/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.	212	01020
.070 mil	.449	
.090 mil	.577	
.110 mil	.705	
.130 mil	.833	
.150 mil	.966	
	i trile-Butadiene S ises up to 10 time	
Properties	Rating	ASTM
ZOD Impact, ftlb/in.	5.6	DOFO
@73°	5.6	D256
@0° Fanaila Strangth	1.9 5.200 pei	D256
Tensile Strength	5,300 psi	D638
leat Deflection	(00	5.0.10
@264 psi	199	D648
@66 psi	211	D648
alling Dart Impact, ftlb.		
@73°F	23	
@40°F	14	
pecific Gravity	1.05	D792
Vt. lb./sq.ft.		
.070 mil	.451	
.090 mil	.580	
.110 mil	.705	
.130 mil	.833	
.150 mil	.961	
PF - Poly	rethane Elastom	er
	es up to 40-50 tim	
roperties	Rating	ASTM
hore A Hardness	45-50	D2240
ear Strength, PLI	55	D624
ensile Strength, psi	500	D638
Itimate Elongation	40%	D638
PPE - Premium	Polyurethane Ela	astomer
	es up to 100+ tim	,
Properties	Rating	ASTM
Shore A Hardness	60-65	D2240
ear Strength, PLI	120	D624
ensile Strength, psi	1150	D638
Iltimate Elongation	1200%	D638
Tole	rances @ 70F	
	erns, all materials)	
Standard size: 4'x10'	,	
ength: +1" to 2", -0" (ship Vidth: ± 1/4"	ped long for field	trimming)
VIDTN: ± 1/4″ bickness: + 1/16" at edge	e (excent over 1" t	hick)

Thickness: $\pm 1/16$ " at edge (except over 1" thick)

Custom size: At customer request, additional charge.



Application Summary

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

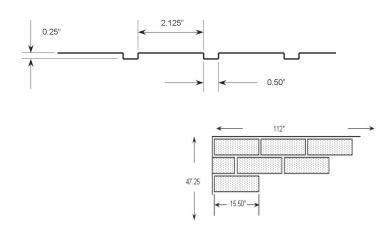


Masonry 1529 - 16"x2-5/8" Split Face Block

HIPS - High Impact Polystyrene (Single use only)		
Properties	Rating	ASTM
IZOD Impact, ftlb/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	
	trile-Butadiene Sty uses up to 10 times)	
	,	
Properties IZOD Impact, ftIb/in.	Rating	ASTM
@73°	5.6	D256
@0°	1.9	D256
Tensile Strength	5,300 psi	D638
Heat Deflection	0,000 po.	2000
@264 psi	199	D648
@66 psi	211	D648
Falling Dart Impact, ftlb.		
@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	
	irethane Elastome	
(Multiple us	es up to 40-50 time	s)
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
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
Ultimate Elongation	1200%	D638
	rances @ 70F	
(All patte	erns, all materials)	
Standard size: 4'x10'		
Length: +1" to 2", -0" (ship	ped long for field tri	mming)
Width: $\pm 1/4$ "		
I biokpoor $\pm 1/16$ " of oder	Vovoont ovor 1" thi	

Thickness: ± 1/16" at edge (except over 1" thick)

Custom size: At customer request, additional charge.



Application Summary

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

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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.

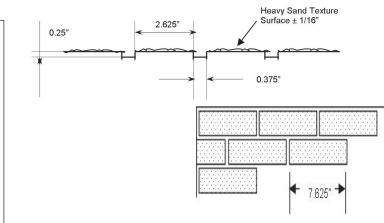
Form Release



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

	Impact Polystyrene			
(Single use only)				
<u>Properties</u>	Rating	ASTM		
IZOD Impact, ftlb/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			
	rile-Butadiene Styre	ene		
	ses up to 10 times)			
	Rating	ASTM		
IZOD Impact, ftlb/in.	5.0	DOCO		
@73°	5.6	D256		
@0° Tanaila Chronath	1.9	D256		
Tensile Strength	5,300 psi	D638		
Heat Deflection @264 psi	199	D648		
@66 psi	211	D648		
Falling Dart Impact, ftlb.	211	0040		
@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			
PE - Polvu	ethane Elastomer			
	s up to 40-50 times)			
Properties	Rating	ASTM		
Shore A Hardness	45-50	D2240		
Tear Strength, PLI	55	D624		
Tensile Strength, psi	500	D638		
Ultimate Elongation	40%	D638		
DDE Dromium	Olyurothano Electo	mor		
	Polyurethane Elasto es up to 100+ times)	iner		
· ·	, , ,	ACTM		
Properties Shore A Hardness	Rating 60-65	ASTM D2240		
Tear Strength, PLI	120	D2240 D624		
Tensile Strength, psi	1150	D638		
Ultimate Elongation	1200%	D638		
·	_			
	ances @ 70F			
	ns, all materials)			
Standard size: 4'x10'	ad laws for firld t			
Length: +1" to 2", -0" (shipped long for field trimming) Width: \pm 1/4"				
Thickness: ± 1/16" at edge				
LUSIOM SIZA' AT CUSTOMAR I	ennesi auditional ch			

Custom size: At customer request, additional charge.



Application Summary

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.

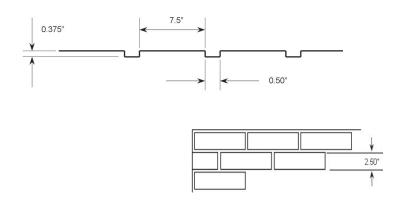
Form Release



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

HIPS - High Impact Polystyrene (Single use only)			
Properties	Rating	ASTM	
IZOD Impact, ftlb/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 .150 mil	.833 .966		
.150 mii	.900		
ABS - Acrylonit	rile-Butadiene Styre ses up to 10 times)	ene	
		ACTM	
Properties IZOD Impact, ftlb/in.	Rating	ASTM	
@73°	5.6	D256	
@0°	5.6 1.9	D256 D256	
Tensile Strength	5,300 psi	D638	
Heat Deflection	0,000 p3i	2000	
@264 psi	199	D648	
@66 psi	211	D648	
Falling Dart Impact, ftlb.		2010	
@73°F	23		
@40°F	14		
Specific Gravity	1.05	D792	
Wt. Ib./sq.ft.			
.070 mil	.451		
.090 mil	.580		
.110 mil	.705		
.130 mil	.833		
.150 mil	.961		
	rethane Elastomer es up to 40-50 times)		
Properties	Rating	ASTM	
Shore A Hardness	45-50	D2240	
Tear Strength, PLI	55	D624	
Tensile Strength, psi	500	D638	
Ultimate Elongation	40%	D638	
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	
Ultimate Elongation	1200%	D638	
	ances @ 70F rns, all materials)		
Standard size: 4'x10' Length: +1" to 2", -0" (shipp Width: ± 1/4" Thickness: ± 1/16" at edge	bed long for field trimi (except over 1" thick)	

Custom size: At customer request, additional charge.



Application Summary

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



Formline	<u> </u>	
	Impact Polystyrer gle use only)	10
Properties	Rating	ASTM
IZOD Impact, ftlb/in.		
@70°F	2.0	D256
@0°F	1.3	D256
Tensile Strength	3,700 psi	D638
Heat Deflection	188 212	D695 D1525
Vicat Softening Wt.lb./sq.ft.	212	D1525
.070 mil	.449	
.090 mil	.577	
.110 mil	.705	
.130 mil	.833	
.150 mil	.966	
ABC Asydonia	vilo Rutadiana Ctu	
	rile-Butadiene Sty ses up to 10 times)	
Properties	Rating	ASTM
IZOD Impact, ftlb/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, ftlb.	00	
@73°F	23	
@40°F Specific Gravity	14 1.05	D792
Specific Gravity Wt. lb./sq.ft.	1.00	D192
.070 mil	.451	
.090 mil	.580	
.110 mil	.705	
.130 mil	.833	
.150 mil	.961	
PF - Polyu	rethane Elastome	r
	es up to 40-50 times	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
PPF - Premium I	Polyurethane Elas	tomer
	es up to 100+ times	
Properties	Rating	ASTM
Shore A Hardness	60-65	D2240
Tear Strength, PLI	120	D624
Tensile Strength, psi	1150	D638
Ultimate Elongation	1200%	D638

Tolerances @ 70F

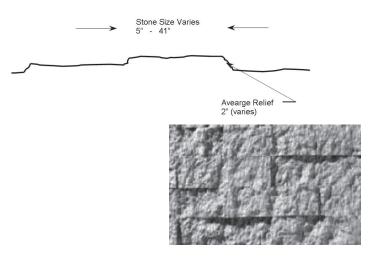
(All patterns, all materials)

Standard size: 4'x10'

Length: +1" to 2", -0" (shipped long for field trimming) Width: \pm 1/4"

Thickness: ± 1/16" at edge (except over 1" thick)

Custom size: At customer request, additional charge.



Application Summary

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

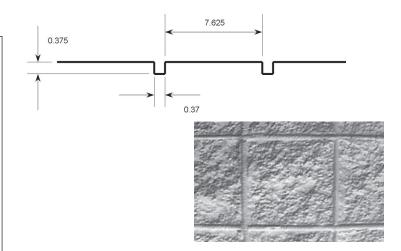


Masonry 1560 - 8"x8" Stacked Bond Block

HIPS - High Impact Polystyrene		
(Sing	gle use only)	
Properties	Rating	ASTM
IZOD Impact, ftlb/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.	110	
.070 mil .090 mil	.449	
.110 mil	.577 .705	
.130 mil	.833	
.150 mil	.966	
.100 mil	.500	
	rile-Butadiene Styre	ene
(Multiple us	ses up to 10 times)	
Properties	Rating	ASTM
IZOD Impact, ftlb/in.		
@73°	5.6	D256
@0°	1.9	D256
Tensile Strength	5,300 psi	D638
Heat Deflection	100	5040
@264 psi	199 211	D648
@66 psi Falling Dart Impact, ftlb.	211	D648
@73°F	23	
@40°F	14	
Specific Gravity	1.05	D792
Wt. lb./sq.ft.	1.00	DIGE
.070 mil	.451	
.090 mil	.580	
.110 mil	.705	
.130 mil	.833	
.150 mil	.961	
PE - Polyuu	ethane Elastomer	
	s up to 40-50 times)	
Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638
-		
	Polyurethane Elasto	omer
	es up to 100+ times)	
Properties	Rating	ASTM
Shore A Hardness Tear Strength, PLI	60-65 120	D2240
Tensile Strength, psi	120 1150	D624 D638
Ultimate Elongation	1200%	D638
Chimato Elongation	120070	2000
	ances @ 70F	
(All patterns, all materials)		
Standard size: 4'x10'		
Length: +1" to 2", -0" (shipped long for field trimming) Width: \pm 1/4"		

Thickness: $\pm 1/16$ " at edge (except over 1" thick)

Custom size: At customer request, additional charge.



Application Summary

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.

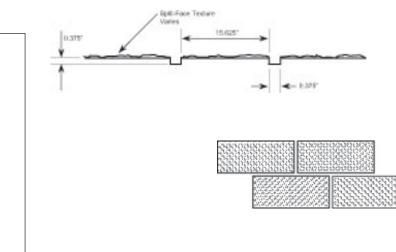
Alignment

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



Masonry 1577 - Custom Split Face Block



Application Summary

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, flatspray nozzle and wipe with a cloth to insure an evenly-coated formliner surface. Formliners should always be covered when not in use.

(Single use only)			
Properties	Rating	ASTM	
IZOD Impact, ftlb/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		
	rile-Butadiene Styre	200	
2	ses up to 10 times)		
Properties	Rating	ASTM	
IZOD Impact, ftlb/in.	Rating	ASTIN	
@73°	5.6	D256	
@0°	1.9	D256	
Tensile Strength	5,300 psi	D230 D638	
Heat Deflection	0,000 p3i	D000	
@264 psi	199	D648	
@66 psi	211	D648	
Falling Dart Impact, ftlb.	2	2010	
@73°F	23		
@40°F	14		
Specific Gravity	1.05	D792	
Wt. lb./sq.ft.		2.02	
.070 mil	.451		
.090 mil	.580		
.110 mil	.705		
.130 mil	.833		
.150 mil	.961		
PE - Polyurethane Elastomer			
(Multiple uses up to 40-50 times)			

HIPS - High Impact Polystyrene

Properties	Rating	ASTM
Shore A Hardness	45-50	D2240
Tear Strength, PLI	55	D624
Tensile Strength, psi	500	D638
Ultimate Elongation	40%	D638

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

	,
Rating	ASTM
60-65	D2240
120	D624
1150	D638
1200%	D638
	60-65 120 1150

Tolerances @ 70F

(All patterns, all materials)

Standard size: 4'x10'

Length: +1" to 2", -0" (shipped long for field trimming) Width: \pm 1/4"

Thickness: ± 1/16" at edge (except over 1" thick)

Custom size: At customer request, additional charge.



American Formliners Warranty

American Formliners Inc. (hereafter known as Supplier) warrants that the Supplier of concrete accessory products sold to Purchaser will be free from defects in materials and workmanship for a period of six (6) months from the date of delivery, and the Supplier will repair, or in its sole discretion, replace, any Product or part thereof found to be defective at the time of delivery if such Product or part is returned (at Purchaser's expense and risk) and received by the Supplier within ten (10) days after the applicable warranty period. Descriptions, representations and other information concerning the Supplier contained in the Supplier's catalogs, advertisements or other promotional materials or statements or representations made by the Supplier's sales agents or representatives shall not be binding upon the Supplier and shall not be part of this limited warranty unless expressly identified in writing as PRODUCT SPECIFICATIONS.

This limited warranty does not cover normal maintenance, or items consumed during installation or normal operations, normal wear and tear, use under circumstances exceeding specifications, use for purposes other than the use for which the Products were intended, abuse, unauthorized repair or alteration, improper installation, failure to follow the Supplier's printed instructions, guidelines and recommendations for installation and use, lack of proper maintenance or damage caused by natural causes such as fire, storm, or flood. Purchaser shall determine the suitability of the Product for his intended use and Purchaser assumes all liabilities and risks whatsoever in connection therewith.

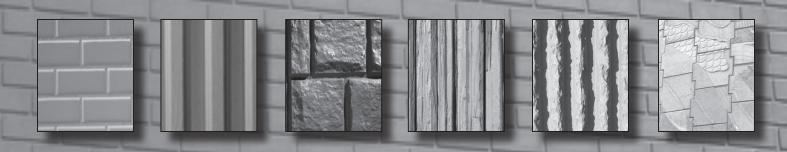
This limited warranty is Purchaser's exclusive remedy. It shall not be deemed to have failed of its essential purpose so long as the Supplier is willing and able to repair or replace defective products or parts thereof in the manner specified. No allowance will be made or repairs made by Purchaser.

Except as herein provided, the Supplier shall not be liable to Purchaser in any manner with respect to the Products. In no event shall the Supplier liability to Purchaser ever exceed the purchase price of the allegedly defective Product. Except as herein provided, the Supplier shall not be liable for transportation, labor or other charges for adjustments, repairs, replacements of parts, installation, or other work, which may be done upon or in connection with the Products sold.

THE SUPPLIER SHALL NOT IN ANY EVENT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING LOST PROFITS, whether arising from any defect in the Products, any use of the Products, from Purchaser's inability to use the Products, or otherwise. This limited warranty applies to only products made by the Supplier.

NO OTHER EXPRESS AND NO IMPLIED WARRANTIES OF ANY TYPE, WHETHER FOR MERCHANTABILITY, FITNESS FOR A PARTICULAR USE, OR OTHERWISE, OTHER THAN THOSE EXPRESSLY SET FORTH ABOVE (WHICH ARE MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES) SHALL APPLY TO THE PRODUCTS.

Leave a lasting impression in concrete with American Formliners!



AMERICANFORMLINERSPROVIDESTHESEADVANTAGES:

- 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



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