



FROM DESIGN TO REALITY

ARCHITECTURAL FLAT, BENT AND SECURITY GLASS FABRICATORS

Dallas TX



Ft. Lauderdale FL



Cleveland OH



Ledyard CT



LAMINATED

g l a s s



- Annealed, Heat Strengthened or Tempered. Chemically Strengthened, Sizes up to 38" x 80"
- Clear, White or Colored PVB and DuPont SentryGlas® Interlayers and Spallshield®
- Hurricane Interlayers Certified to Applicable Codes
- Laminated Insulating glass products available in sizes up to 84" x 137" ASTM 2190 Certified. Certified Laminator of PPG Solarban® 60 & 70
- Laminated Pattern Glass
- Meets Safety Codes; ANSI Z97, ANSI Z96, and CPSC 16 CFR 1201 CAT I or II
- Maximum Size 84" x 180" Heat Treated
- Fabricated according to ASTM 1172

Rockefeller Center NY NY

Philadelphia PA



Mount Pleasant SC

Pittsburgh PA

BENT g l a s s



- Annealed Laminated or Insulating up to 96" x 170", Contact us for Details
- Bent Reflective and Low E Glass
- Compound Bends
- Fabricated to ASTM C 1464
- Metal Bending Service for Prepainted Anodized or Thermal Improved Extrusions

Palm Beach FL



Birmingham AL

Virginia Beach VA

BULLET RESISTANT

g l a s s



Drive Through Windows
E.F. Bavis



Armored Vehicle Glass

- UL 752 Listed, NIJ & EN No-Spall Ballistic Protection, Handguns to High-Powered Rifles
- All Glass & Thinner and Lighter Glass/Polycarbonate Makeups Available
- Insulating Units Available (ASTM E 2190 Certified)
- Custom Designs & Low Spall Units Available for Government, Military and Commercial Applications



Gunner Protection Kit Glass

UL 752 Listed Bullet Resistant Laminates

Product Number	Protection Level	Thickness Tolerance			Weight lbs/sq ft	Visible Light Transmittance	Winter U-Value	Solar Heat Gain Coefficient	Shading Coefficient
		Nominal	Minimum	Maximum					
DBG01 (All Glass)	Level 1 9mm Handgun FMJ Lead Core, 3 shots	1.29"	1.209"	1.381"	16.29	77.1%	.850	.577	.669
DBP01 (Glass / Polycarbonate)	Level 1 9mm Handgun FMJ Lead Core, 3 shots	.778"	.713"	.823"	8.82	79.0%	.870	.655	.758
DBP03 (Glass / Polycarbonate)	Level 3 .44 Mag SWC Gas Checked, 3 shots	1.078"	.998"	1.145"	12.54	76.0%	.828	.610	.706
DBP04 (Glass / Polycarbonate)	Level 4 30-06 Rifle Lead Core Soft Point, 1 shot	1.238"	1.134"	1.307"	14.64	74.5%	.814	.591	.685
DBP05 (Glass / Polycarbonate)	Level 5 7.62 mm Rifle Lead Core FMJ, 1 shot	1.238"	1.134"	1.307"	14.64	74.5%	.814	.591	.685
DBP08 (Glass / Polycarbonate)	Level 8 7.62 mm Rifle Lead Core FMJ, 5 shots	2.350"	2.211"	2.552"	26.30	56.1%	.592	.525	.607

Size Restrictions: Minimum 12" x 12", Maximum; Ask for Details

NIJ 0108.01 and EN 1063 No Spall Bullet Resistant Laminates

DBR20NS (Glass / Polycarbonate)	NIJ Level 2 .357 Mag JSP, 5 shots 9mm FMJ, 5 Shots EN Class Br4 .44 Mag, FCJ Flat Nose Soft Core, 3 Shots	.828"	.761"	.882"	8.87	79.3%	.842	.657	.759
DBR32NS (Glass / Polycarbonate)	NIJ Level 3A .44 Mag Handgun Lead SWC Gas Checked, 5 shots 9mm FMJ, 5 Shots EN Class Br5 5.56 x 45 NATO, Type SS109 (Steel Penetrator), 3 Shots	1.338"	1.216"	1.409"	15.36	74.2%	.784	.588	.681
DBR34NS (Glass / Polycarbonate)	NIJ Level 3 7.62 x 51 M80 Ball FMJ Rifle, 5 shots	1.338"	1.248"	1.432"	15.96	73.1%	.801	.577	.668
DBR40NS (Glass / Polycarbonate)	NIJ Level 3 7.62 x 51 M80 Ball FMJ Rifle, 5 shots EN Class Br6 7.62 x 51 M80 Ball FSJ Rifle, 3 Shots	1.718"	1.562"	1.807"	19.90	70.6%	.734	.558	.646
DBR54NS (Glass / Polycarbonate)	NIJ Level 4 30-06 AP Rifle, 1 shot	2.288"	2.135"	2.449"	27.40	65.3%	.690	.524	.607
DBR72NS (Glass / Polycarbonate)	EN Class BR7 7.62 x 51 NATO Rifle FCJ Steel Core, 3 shots	2.848"	2.703"	3.093"	34.54	59.9%	.642	.505	.584

Size Restrictions: Minimum; 19-3/4" x 19-3/4", Maximum; Ask for Details

No matter which product you chose there are several additional options available such as : Tinted Glass, Reflective Glass, One Way Mirror, Frosted Glass, Colored Interlayers, Wire Glass, Self-Cleaning Glass, Insulating Units With Low E Coatings, Holes and Pass Thru, Custom Shapes



520 Chestnut St. 724-459-9540
Blairsville, PA 15717 800-336-0562
www.dlubakglass.com Fax:724-459-0866



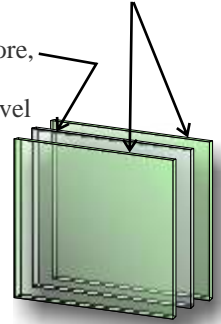
FORCED ENTRY & DETENTION

g l a s s

Detention Center

GLASS CLAD POLYCARBONATE

- Standard Sizes for Polycarbonate Laminates up to 60" x 120" or 72" x 96"
Larger Sizes Available Upon Request
- Insulating Units Available
ASTM E 2190 Certified
- Strengthened Glass Surfaces for Maximum Scratch & Chemical Resistance
- High Impact Polycarbonate Core, Single or Multi-Layered to Meet Desired Protection Level
- Urethane Interlayers Create High-Strength Bond



Glass Clad Polycarbonate Products

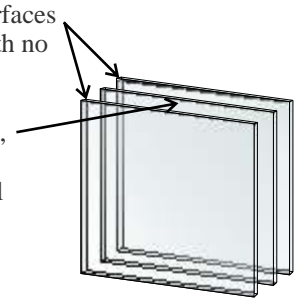
Product Number	Forced Entry Protection	Ballistic Protection	Thickness Tolerance			Weight lbs/sq ft	Visible Light Transmittance	Winter U-Value	Solar Heat Gain Coefficient	Shading Coefficient
			Nominal	Min	Max					
DGCP437	ASTM 1233-95 Class 1 Forced Entry	N/A	.458"	.436"	.508"	4.46	82.2%	.868	.720	.832
DGCP562	ASTM F1915-05 Grade 4 10 Min. Forced Entry	HPW-TP-0500.03 Level A Ballistics .38 Special Modified (Spall No Penetration)	.560"	.528"	.620"	5.09	77.9%	.806	.709	.819
DGCP687	ASTM F1915-05 Grade 3 20 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics 9mm Modified (Spall No Penetration)	.715"	.658"	.791"	6.06	75.4%	.746	.700	.809
DGCP750	ASTM F1915-05 Grade 2 40 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics 9mm Modified (Spall No Penetration)	.703"	.647"	.778"	5.97	73.4%	.741	.696	.804
DGCP812	ASTM F1915-05 Grade 3 20 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics 9mm Modified (Spall No Penetration)	.744"	.683"	.823"	6.21	73.0%	.730	.693	.800
DGCP937	ASTM F1915-05 Grade 2 40 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics .357 Magnum Modified (Spall No Penetration)	.846"	.775"	.935"	6.85	69.2%	.685	.686	.792
DGCP1000	ASTM F1915-05 Grade 1 60 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics .357 Magnum Modified (Spall No Penetration)	.960"	.879"	1.061"	7.57	67.3%	.650	.682	.787
DGCP1250	ASTM F1915-05 Grade 1 60 Min. Forced Entry	HPW-TP-0500.03 Level C Ballistics .44 Magnum Modified (Spall No Penetration)	1.221"	1.123"	1.326"	10.71	63.8%	.634	.641	.740

Size Restrictions: Ask for Details



LAMINATED POLYCARBONATE

- Mar-Resistant Polycarbonate Surfaces
Maximum Impact Resistance with no Worry of Glass Breakage
- High Impact Polycarbonate Core, Single or Multi-Layered to Meet Desired Protection Level
- Urethane Interlayers Create High-Strength Bond



All Polycarbonate Products

Product Number	Forced Entry Protection	Ballistic Protection	Thickness Tolerance			Weight lbs/sq ft	Visible Light Transmittance	Winter U-Value	Solar Heat Gain Coefficient	Shading Coefficient
			Nominal	Min	Max					
DLP375	ASTM F1915-05 Grade 3 20 Min. Forced Entry	HPW-TP-0500.03 Level A Ballistics .38 Special No Spall	.399"	.341"	.418"	2.35	78.6%	.831	.794	.915
DLP500	ASTM F1915-05 Grade 2 40 Min. Forced Entry	HPW-TP-0500.03 Level A Ballistics .38 Special No Spall	.506"	.455"	.557"	3.13	72.2%	.762	.770	.888
DLP750	ASTM F1915-05 Grade 1 60 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics 9mm No Spall	.786"	.707"	.865"	4.88	70.0%	.661	.763	.880
DLP1000	HPWTP0500.03 Level 4	HPW-TP-0500.03 Level B Ballistics .357 Magnum Modified, No Spall	1.061"	.956"	1.169"	6.56	62.6%	.585	.741	.854
DLP1250	HPWTP0500.03 Level 4 Thru Step 44	UL 752 Level 3 Ballistics .44 Magnum, No Spall	1.311"	1.180"	1.443"	8.14	60.7%	.524	.736	.848

Size Restrictions: Ask for Details



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Fax: 724-459-0866



BLAST RESISTANT



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- Tempered Glass Laminates
(Cost effective & Maximum Durability)
- DuPont SentryGlas® & Spall Shield®
(Dupont's Ionoplast Interlayer Technology)
- Glass/Polycarbonate Laminates
- Insulating Units Available
(ASTM E 2190 Certified)
- Custom Designs Available for Government,
Military and Commercial Applications



SILK SCREEN PRINTED DESIGN



g l a s s

- Custom and Standard Patterns
- Wide Array of Fired on Ceramic Frit Colors
- Standard Sizes up to 80" x 130"
Larger Sizes can be Reviewed Upon Request
- Available in Monolithic, Heat Strengthened,
Tempered, Laminated or Insulating Units
(80" x 130") ASTM E 2190 Certified
- Curved Units Available, Call for Details

Richmond Virginia



Ohio



Make **Dlubak Corporation** your choice for
Curved Glass & Extrusions / Specialty Flat
Laminated and Insulating Glass Products

FROM **DESIGN** TO **REALITY**
www.dlubakglass.com



Blast Resistant

- Armored Vehicles, Courthouses, Embassy, etc

Curved Glass and Aluminum

Display Case

- Jewelry, Refrigeration, Sneeze Guard, etc

Edgework, Holes (NC machined) / Notches, Water-Jet Cutting

Graphics & Design

- Logos, Sandblasting, etc

Hurricane

- DuPont Butacite® PVB, SentryGlas® and Spallshield®
- Solutia Saflex® PVB, Saflex® HP, Vanceva™ Storm
- Hyzod® Polycarbonate Sheet

Insulating / Bystronic Line (ASTM E 2190 Certified)

- High Performance, Screen Printed / Spandrel, Security / Ballistic

Laminated Glass / Interlayer

- Butacite® by DuPont - .015", .030", .060", .090" interlayer
- SentryGlas® by DuPont - .035", .060", .090", .100" interlayer
- Spallshield® by DuPont
- Saflex® by Solutia - .015, .030", .060", .090" interlayer
- Polyurethane interlayers
- Colored PVB Interlayers by DuPont, Solutia (Vanceva™) and Trosifol

Security / Bullet Resistant

- All Glass, Glass Clad Polycarbonate and all Polycarbonate Laminates
- UL 752 Listed Ballistic Levels I, III, IV, V, VIII
- NIJ Ballistic Levels II, III, IIIA, IV
- EN Ballistic Levels BR4, BR5, BR6, Br7

Screen Printing

- Dots, Holes, Stripes, Custom Patterns and Colors

Spandrel

- Standard and Custom

Tempered Glass

- 1/8" to 3/4" thickness



For Additional Information:
Specifications and Applications
for our Quality Products.
Technical Assistance or
Samples of our Products
for your Project needs.
Area Sales Representatives
available upon request.

Contact Us At:
Dlubak Corporation
520 Chestnut Street
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