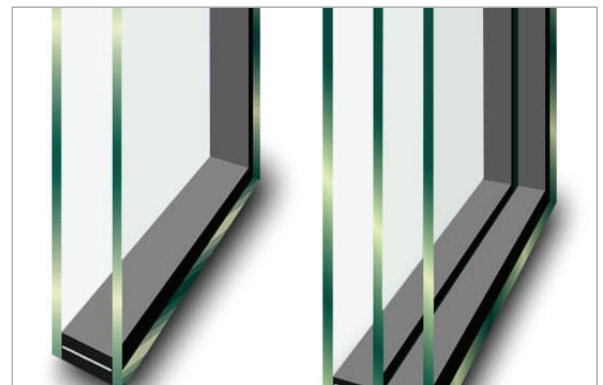




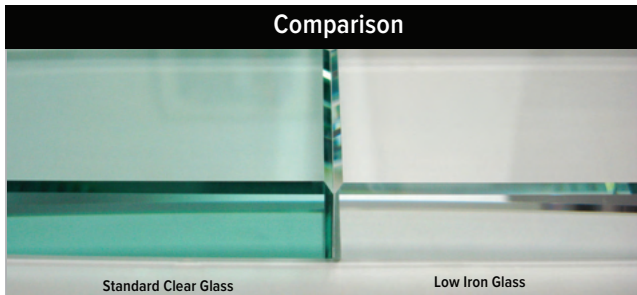
— EST. 2012 SAN DIEGO, CA —

HARDWARE SOLUTIONS

TEXTURED / TINTED GLASS



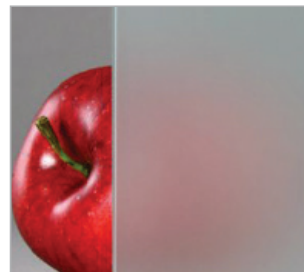
Dual & Triple Payne Glass Units Available



Comparison

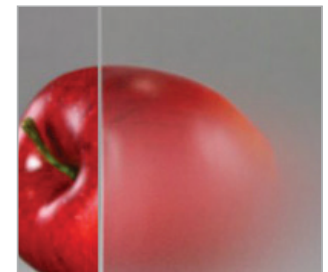
Standard Clear Glass

Low Iron Glass



Acid Etch

Available in
1/8" (3mm), 1/4" (6mm),
3/8" (10mm), 1/2" (10mm)



Acid Etch
Low Iron

Available in
1/8" (3mm), 1/4" (6mm),
3/8" (10mm), 1/2" (10mm)



Bamboo

Available in 5/32" (4mm),
1/4" (6mm), 3/8" (10mm)



Berman Aquí

Available in 1/4" (6mm),
3/8" (10mm)



Berman Esto

Available in 1/4" (6mm),
3/8" (10mm)



Berman Être

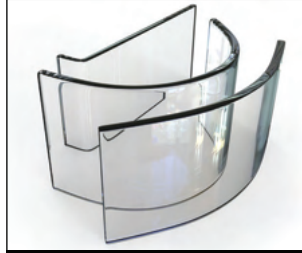
Available in 1/4" (6mm),
3/8" (10mm)

WHOLESALE: GLASS, ALUMINUM, WINDOWS, DOORS & ACCESSORIES

1690 W. Frontage Road • Chula Vista, CA 91911 • T: 619.737.9999 • F: 619.271.2222 • www.glahs.com



Custom Laminated Glass Available



Monolithic & Laminated Bent Annealed & Tempered Glass Available



Blue (Light) Available in 1/4"(6mm), 3/8"(10mm)



Blue (Med) Available in 1/4"(6mm), 3/8"(10mm)



Blue (Dark) Available in 1/4"(6mm), 3/8"(10mm)



Bronze Available in 1/8"(3mm), 3/16"(5mm), 1/4"(6mm), 3/8"(10mm), 1/2"(13mm)



Bubbles Available in 1/8"(3mm), 7/32"(5.5mm), 3/8"(10mm)



Clear Available in 1/8"(3mm), 5/32"(4mm), 3/16"(5mm), 1/4"(6mm), 5/16"(5mm), 3/8"(10mm), 1/2"(13mm), 5/8"(16mm), 3/4"(19mm)



Clear Low Iron Available in 3/16"(5mm), 1/4"(6mm), 3/8"(10mm), 1/2"(13mm)



Energy Advantage Low-E Available in 1/8"(3mm), 3/16"(5mm), 1/4"(6mm)



Glue Chip (Pattern) Available in 1/8"(3mm), 3/16"(5mm), 1/4"(6mm), 3/8"(10mm)



Gray Available in 1/8"(3mm), 3/16"(5mm), 1/4"(6mm), 3/8"(10mm), 1/2"(13mm)



Gray (Dark) Available in 1/8"(3mm), 1/4"(6mm)



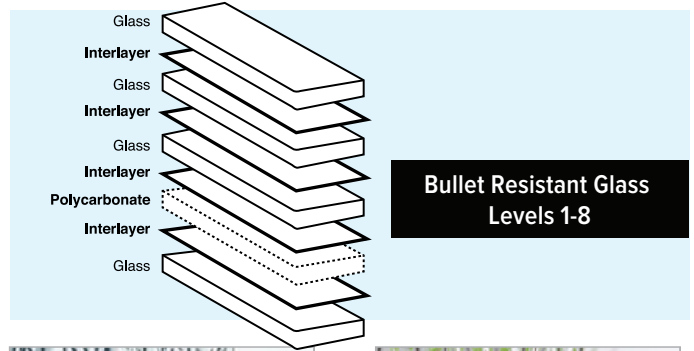
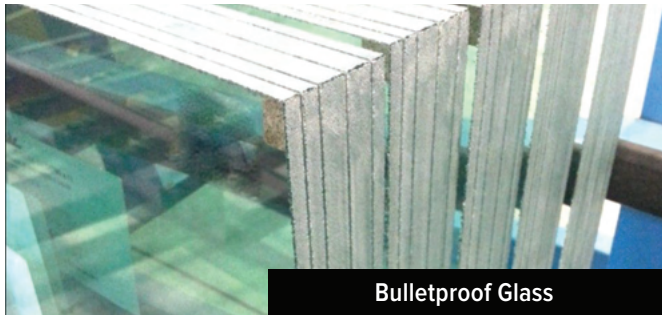
Green/Solexia Available in 1/4"(6mm)



Mirrorpane Available in 1/4"(6mm)



Obscure P516 Available in 1/8"(3mm), 3/16"(5mm), 1/4"(6mm)



Peach Available in 1/4"(6mm)



Radiance Available in 1/8"(3mm)



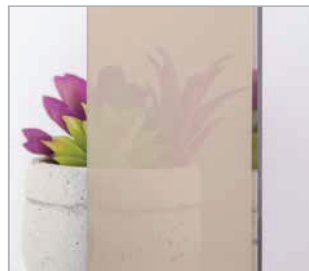
Rain Available in 1/8"(3mm), 3/16"(5mm), 1/4"(6mm), 3/8"(10mm)



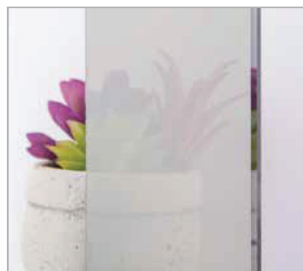
Rain Low Iron Available in 1/8"(3mm), 3/16"(5mm), 1/4"(6mm), 3/8"(10mm)



Reed Available in 5/32"(4mm), 3/16"(5mm), 1/4"(6mm)



Reflective Bronze/Solar Cool Available in 1/4"(6mm)



Reflective/Solar Cool Gray Available in 1/4"(6mm)



Spraylite Available in 1/4"(6mm), 3/8"(10mm)

GENERAL GLASS TOLERANCES

TOLERANCES	GLASS THICKNESS			
	UP TO 5/16"	3/8"	1/2"	3/4"
CLEAN CUT, SWIPED	+/- 1/16"	+/- 3/32"	+/- 1/8"	+/- 3/16"
MACHINE EDGE	+/- 1/16"	+/- 3/32"	+/- 1/4"	+/- 1/4"
THICKNESS	+/- 1/32"	+/- 1/32"	+/- 1/32"	+/- 1/32"

WEIGHT

THICKNESS	PER LB. (PER SQ. FT.)
1/8"	1.63
3/16"	2.45
1/4"	3.20
5/16"	3.65

THICKNESS	PER LB. (PER SQ. FT.)
3/8"	5.05
1/2"	6.10
3/4"	9.60

SPECIFICATIONS ON GLASS

All glass supplied is graded to conform to federal specifications DD-G-451D, dated 2-25-77.

TERMS AND CONDITIONS

- All glass sizes are calculated to the next even inch.
- 3 square foot minimum charge.
- Edge work is minimum 12" charge per side.
- Prices subject to change without notice.
- Available stock sheet glass size varies based on type of glass.
- Pattern tolerances vary based on the type of pattern received.

TEMPERING SPECIFICATIONS

- ANSI Z97.1-1984 safety glazing materials used in buildings.
- CSPC 16 CFR 1201 Consumer Product Safety Commission safety standard for architectural glazing materials.
- BOW and WARP Tolerances: chart available upon request
- ASTM C 1036-06 Standard specification for flat glass.
- ASTM C 1048 kind: fully tempered coated and uncoated glass.
- GTA 66-20 Rev. #5 Specification for ceramic enameled spandrel glass.