



SECURITY GLASS STOREFRONTS

MATERIAL SPECIFICATIONS

Item	Material / Desc.	Standards
Framing		
Anodized Framing Clear, Bronze, Black	6005-T5	ASTM B221 ASTM B244-68 (1972) ASTM B137-45 (1972) ASTM B136-72 ASTM B457-67 (1972) AAMA 608.1-1977
Silicone		
GE SilPruf SCS2700	Silicone Sealant	TT-S-001543A TT-S-00230C ASTM C920, TY S, NS, CL 25 EIMA 300.01 ASTM C1382 Tensile Adhesion Test for EIFS
GE SCS1000	Silicone Adhesive	TT-S-001543A ASTM C920, TY S, NS, CL 25 USE NT G, A&O. TT-S-00230C
Panels		
Bullet resistant Panel	Composite Fiberglass	ASTM E119-98 UL1709
Rubber		
B109 & B140	TPE 65A Rubber	ASTM D 2240 ASTM D 792 ASTM D 412
W513, W516 & W520	TPE 65A W/ McLUBE Rubber	ASTM D 2240 ASTM D 792 ASTM D 412 ASTM D 2369 ASTM D 1475



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ASF/101502	TPE 65 A Rubber	ASTM D 2240 ASTM D 792 ASTM D 412
Door Hinge		
SL11XD, SL21XD	Aluminum Hinge 6063 Alloy	ANSI/BHMA A156.26-2000
Clear Anodize Finish	Hinge Plated	AA-M12-C22-A31
Bronze & Black Anodize Finish	Hinge Plated	AA-M12-C22-A44
Door Closer		
SC91	Aluminum Door Closer	ANSI A156.4
SC93	DK/BRZ Door Closer	ANSI A156.4
SC94	Brass Door Closer	ANSI A156.4
Hardware (Screws, Clip, Filler)		
Rotation Clip	Alum 6063-T52	ASTM B 221-00 ASME SB 221 QQ-A-200/9
Filler	Alum 6063-T5	ASTM B 221-00 ASME SB 221 QQ-A-200/9
Filler (Clear Anodized)		AAM 10 C22 A31
Filler (Dk Bronze)		AAM 10 C22 A44
ATR 3/8 x 3	3/8 –16 All Thread Rod	ASTM A307 Gr C
Hex Jam Nut	3/8 – 16 Hex Nut	ASTM 563 Gr A ANSI/ASME B1.1
Plain Washers	3/8 Washer	ANSI/ASME B18.22.1
MS24617-38	10x1.75 PPHS Zinc Plated	
MS35190-291	.25-20x1.0 PPHS Zinc Plated	
MS35190-287	.25-20x.50 PFHS Zinc Plated	
MS51959-85	.25-20x1.5 PFHS Stainless	
AN526-416R16	.25-20x1.0 PTHS Zinc Plated	



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MS51862-38 10x1.0 PFHS Cad Plate

Door Hardware

7000 Series	Mortise Cylinders	ANSI A 156-5
MS1850-450	Deadbolt	ANSI/BHMA TYE8211 GR1
4710	Dead Latch	ANSI/BHMA TYE8231 GR1
7100	Electric Release	ANSI/BHMA, TYE09321, GR1

Setting Blocks

Setting Blocks	Neoprene 80-85 Durometer	ASTM D-2000
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Level 4 Backing Plate

¼ Backing Plate	¼ Ballistic Steel Plate	MIL-A-46100D MIL-A-46177B
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