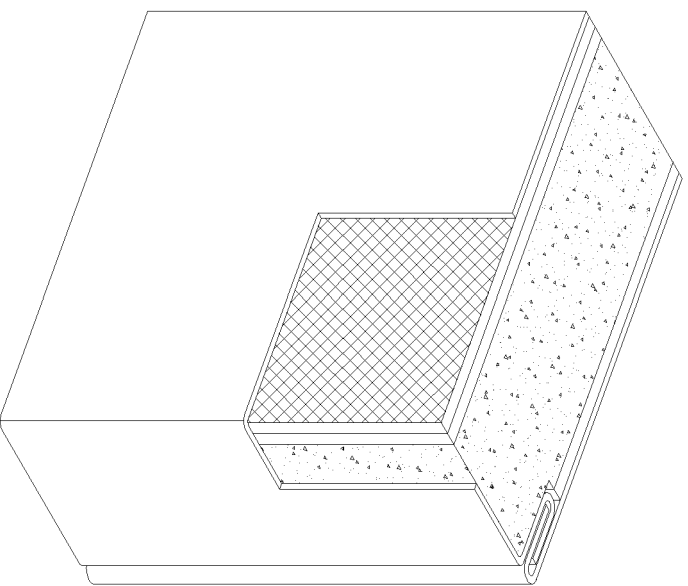


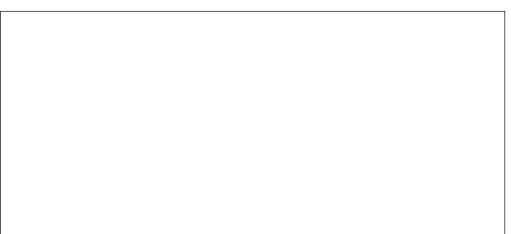
## ARCHITECTURAL TECH DATA

P.O. Box 325722 Riyadh 11371 K.S.A  
 Tel.: + 966 1 4990113  
 Fax: +966 1 2659576  
 info@architecturaldoors.com  
 www.architecturaldoors.com

### "AD" SERIES ACOUSTICAL DOOR



Standard Door Design



#### Full Flush or Seamless Style

Acoustic core fills entire door cavity. High impact resistance. Excellent Insulation Characteristic.

#### Suggested Use:

- Conference Room
- Legal Office
- Libraries
- Broadcast Studio
- Courtooms



## ARCHITECTURAL TECH DATA

P.O. Box 325722 Riyadh 11371 K.S.A  
 Tel.: + 966 1 4990113  
 Fax: +966 1 2659576  
 info@architecturaldoors.com  
 www.architecturaldoors.com

#### STANDARD SIZE NOMINAL DOOR OPENING

SINGLE	WIDTH (mm)		HEIGHT (mm)
	DOUBLE		
500	1200		1950
600	1300		2050
700	1400		2150
800	1500		2250
900	1600		2350
1000	1800		2450
1100	1900		
	2000		
	2100		
	2200		
	2300		
	2400		

### PRODUCT SPECIFICATION

44-mm thick steel doors shall conform to the specification of ANSI S250.8-2003/HMMA861-06/SDI 100.

"AD" door are made full-flush or seamless style (optional). Face sheets are commercial quality cold rolled steel conforming to ASTM A1008/A 1008M-02, A653/A 653M-01 Galvanized or A666-00 Stainless Steel

Door are mechanically interlocked, hemmed, and vertical edges have no visible seams on faces. Acoustic Core and internal construction is manufacturer's proprietary as testes in accordance with ASTM E90-90 & E413-87 to finish the STC required. A physical label is applied as evidence of the specific STC (39-52) rating. The top channel is flush and bottom door channel is inverted by 1.5-mm thick steel channel welded in place

#### GAUGE

1.25-mm 1.5-mm

#### FIRE DOORS

LABELING AGENCY: WARNOCK HERSEY

- DESIGN: F, G, N, V.
- RATING: 3/4 HR, 1-HR, 1-1/2 HR  
 MAX. SIZE 1219x2440-mm SINGLE

#### FIRE RATING

Conforming to ANSI/NFPA 80-1999 up to 90 mins

#### HARDWARE PROVISIONS:

Hinges preparation non handed. Hinges are mortised for, 4-1/2" (Standard) or 5", standard and heavy weight hinges, 4.5-mm steel reinforcement welded inside the door edge, are drilled and tapped for fastener in accordance with ANSI A156.7-2009. The locked edge has a square edge and is prepared for GOV series 86, 160/161 or 90 locks in accordance with ANSI A115 or Euro lock. hardware reinforcement meet or exceed NSI/A250.6-2003(R2008)

#### MATERIAL

COLD-ROLLED STEEL
GALVANIZED STEEL (G90)
STAINLESS STEEL A304/4 (316 OPTIONAL)

#### PAINT:

Door shall be provided one coat of oven-cured neutral color epoxy primer paint. Primer coat shall conform with ANSI A250.10-1998 (R2004). The primer coat is preparatory for necessary finish paint.