

STEEL DOOR & FRAME SYSTEMS, INC.

DKS STEEL DOOR & FRAME SYSTEMS, INC.

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Website: www.dksdoors.com

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DKS PENNSYLVANIA WAREHOUSE

Tab Industries, LLC
2525 North 12th Street
Reading, PA 19605
Tel: (610) 921-0012
Fax: (610) 921-0014
Website: www.tabindustries.com

DKS COLORADO WAREHOUSE

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Englewood, CO 80110
Tel: (800) 321-7232; (303) 922-3692
Fax: (303) 922-8873
Website: www.steele-brez.com


DKS INDIANA WAREHOUSE

Compass Building Products
24615 County Road 45, Suite #1
Elkhart, IN 46516
Tel: (574) 350-3749
Website: www.compassbldgproducts.com



DKS Steel Door and Frame Systems, Inc. constantly strive to meet the demands of the steel door and frame industry by providing premium products to the customer.

Superior quality, a strong service commitment, and value are DKS watch words. Standard features built into each door and frame reflect constant attention to detail and performance. DKS steel doors standard features include:


- 16, 18, 20 gauge flush 6 panel, 2 panel and single panel doors
- Seamless door edge
- Reversible
- 3 hour WHI fire, Positive Pressure, and  Smoke label
- Galvanized steel
- Prime painted with baked on two stage epoxy resin
- 7 gauge universal hinge reinforcements
- 12 gauge closer reinforcement
- 16 gauge flush sealed top channel / inverted bottom channel
- Closed hinge cavity
- High density full body polystyrene or honeycomb core
- Blank edge door includes rim exit device reinforcement
- Individual protective packaging

DKS's commitment is to provide superior quality and service, at competitive pricing to our customers.

The DKS vision of premium features and value to the customer is here.

Hollow Metal Doors

Precision seamless construction is exclusive to DKS, producing doors that meet or exceed all industry standards. Our line of doors features cold-rolled steel, primed for interior applications and galvanized steel with insulating cores for exterior applications.

All standard doors bear the WHI 3 hour listing mark, including Positive Pressure and  Smoke labels, combined.

Decorator doors are available in six-panel, two-panel and single panel, with insulating polystyrene cores.

Welded or Knock Down Steel Frames

DKS manufactures steel frames in standard sizes. These frames have the toughest tolerances in the industry. DKS steel frames are available in 16 and 18 gauge for 1 3/4" doors. All standard frames are manufactured from Galvanized steel.

DKS fire labeled steel frames carry the 3 hour Warnock Hersey label for masonry and 90 minutes for drywall frames.

Expandable Width Masonry and Drywall Frames for odd-fit wall widths and retrofit situations. Applicable to walls with width 4 5/8" to 7 3/4".

DKS Steel Door & Frame Systems, Inc.



Door Series

1000	= 18 Ga. Polystyrene
1100	= 18 Ga. Honeycomb
1112	= 18 Ga. 1 3/8" Honeycomb Rolled Seam
1113	= 18 Ga. 1 3/8" Honeycomb Seamless
1200	= 20 Ga. Polystyrene
1300	= 18 Ga. Steel Stiffened
1400	= 16 Ga. Steel Stiffened
MD1400	= Max-Duty Doors & Frames
1500	= Polystyrene replacement
1600	= 16 Ga. Polystyrene
1700	= 18 Ga. & 20 Ga. Polystyrene 6 Panel
32-1700	= 18 Ga. Polystyrene 6 Panel
1800	= 18 Ga. Polystyrene
1900	= 18 Ga. Polystyrene 2 Panel
2000	= 18 Ga. Honeycomb / pair active / inactive
2100	= 18 Ga. Beveled Two-Edge Doors
6000	= 18 Ga. Double Egress
9000	= 18 Ga. 250° Temperature rise

*Polyurethane core available upon request. Consult factory.

Steel

20	= Galvanized
20G	= Galvanized
18	= Galvanized
18G	= Galvanized
16	= Galvanized
16G	= Galvanized

Door Style

F	= Flush
SP	= Single Panel
2P	= 2 Panel
6P	= 6 panel

Prep

C	= Fed.161 Cylindrical
MB	= Fed.86 Mortise Edge (Blank panel both sides)
T	= Security lever
B	= Blank edge, no reinforcement
BR	= Blank with rim exit device reinforcement
LP	= Deadbolt Strike
PBR	= Panic Bar Reinforcement
BLK	= Blank
BLKPBR	= Blank, Panic Bar Reinforcement

Hinge Preparation

4½" x 4½"

Strike Preparation

MS	= 4⅞" Universal
CS	= 2¾" Cylindrical
B	= Blank
BR	= Blank with rim exit device reinforcement

Frame Series

3000	=16 Ga. Double Egress
4000	=16 Ga. Masonry Frames
EXP4000	=16 Ga. Expandable Masonry Frames
4500	=16 Ga. Pair Frame
4100	=14 Ga. Masonry Frames
5000	=16 Ga. Drywall Frames
EXP5000	=16 Ga. Expandable Drywall Frames
7000	=16 Ga. Blank Masonry Sticks
7500	=16 Ga. Fabrication Components
8000	=16 Ga. Blank Drywall Sticks

Steel

18	= Galvanized
18G	= Galvanized
16	= Galvanized
16G	= Galvanized

Components

H	= Head
HJ	= Hinge Jamb
SJ	= Strike Jamb
BJ	= Blank Jamb
BSJ	= Blank Strike Jamb
BHJ	= Blank Hinge Jamb

Strike

4.875	= ASA (Universal)
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Closer Reinforcement

CR RA	= Closer Reinforcement Standard Arm
CR PA	= Closer Reinforcement Parallel Arm

Handing

RH	= Right Hand
LH	= Left Hand

Anchors

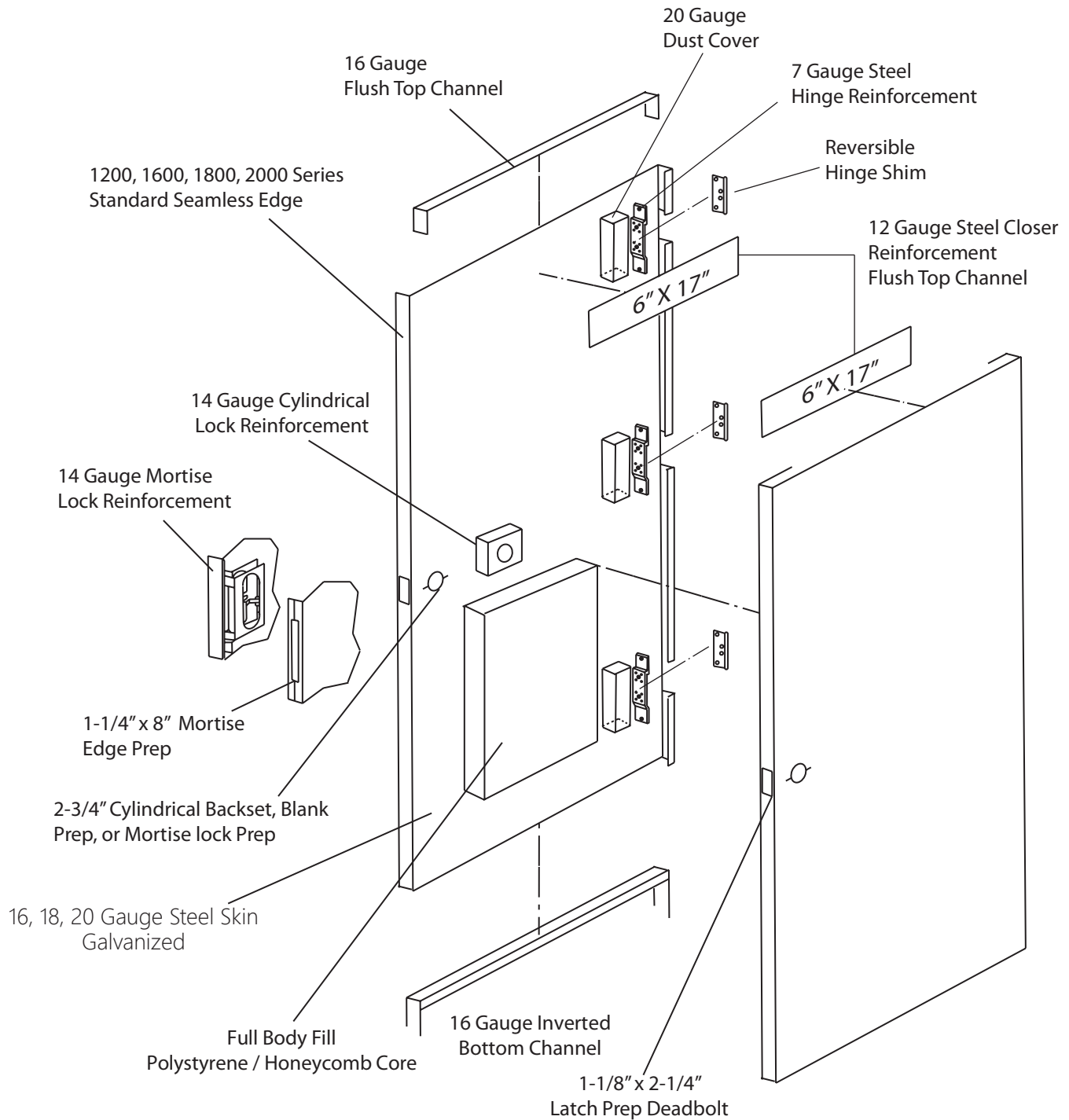
WS	= Wood Stud
SS	= Steel Stud
MA	= Masonry Wire

* **Special Note:**

All measurements are in feet and inches.
Door measurements are read as follows:
example 3068, width is 3'0", height is 6'8".
All Frames listed are overall sizes.



DKS Commercial Door Construction 1200, 1800 and 2000 Series





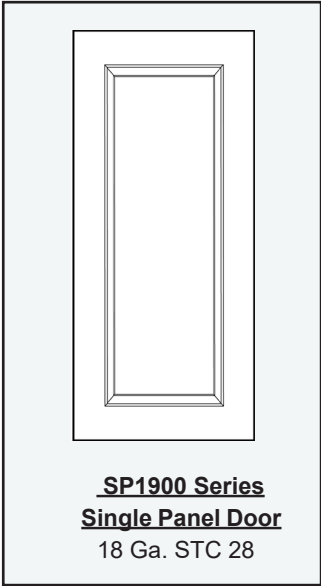
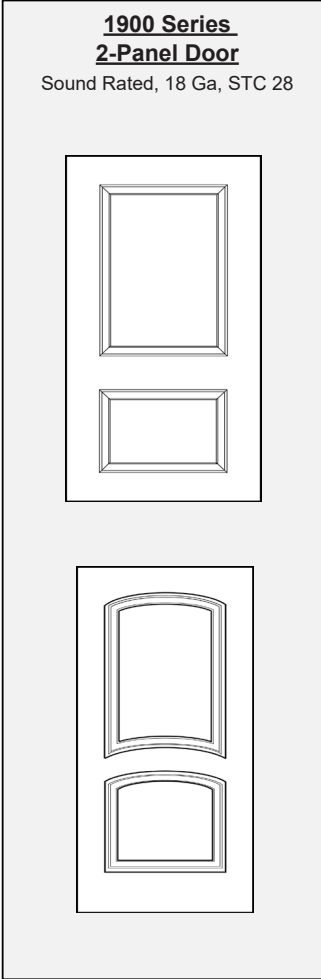
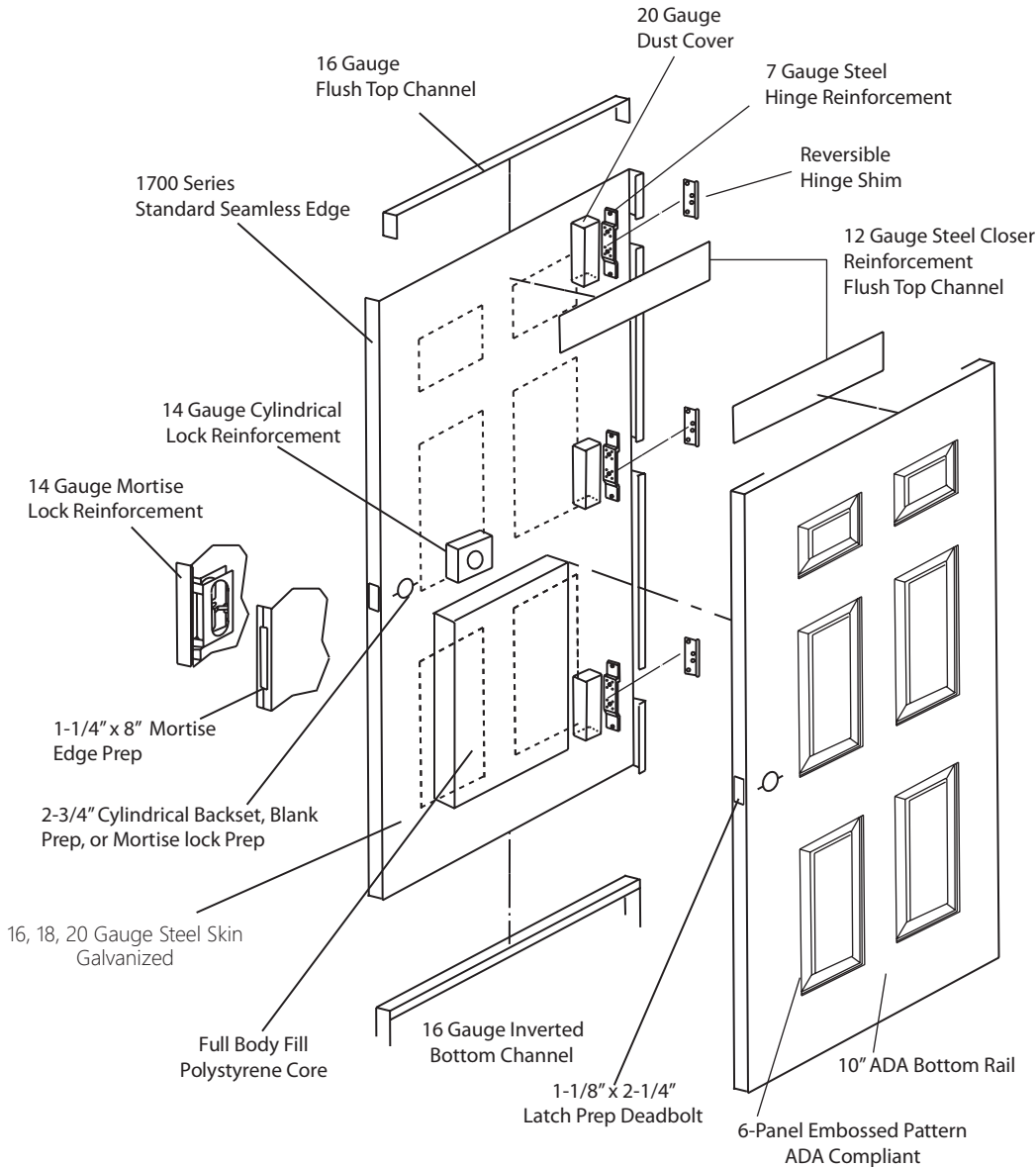
DKS 1700/32-1700 Series 6-Panel Door 1900 Series 2-Panel Door SP1900 Series Single Panel Door

1700 Series 6-Panel Door

Sound Rated
18 Ga, STC 28
20 Ga, STC 27

32-1700 Series 6-Panel Door

Sound Rated
18 Ga, STC 32

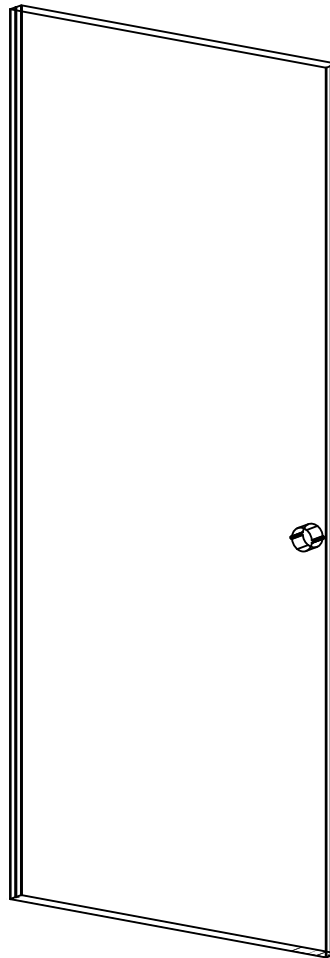




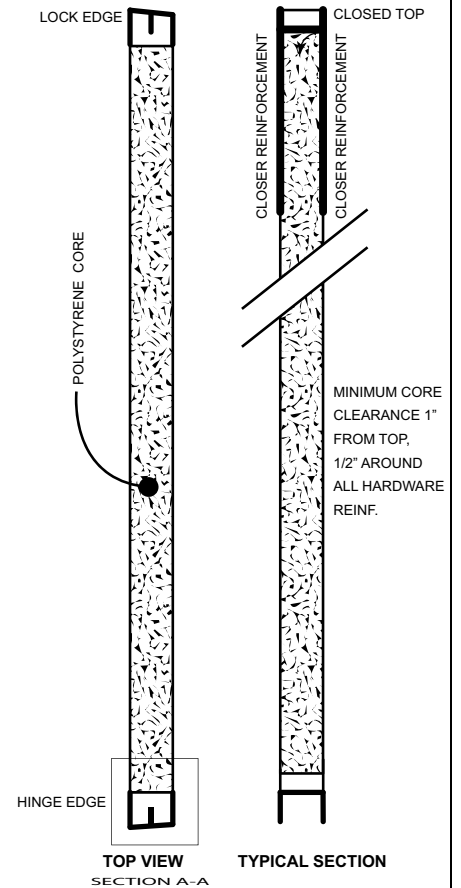
2100 SERIES BEVELED TWO-EDGE DOORS

Standard Features

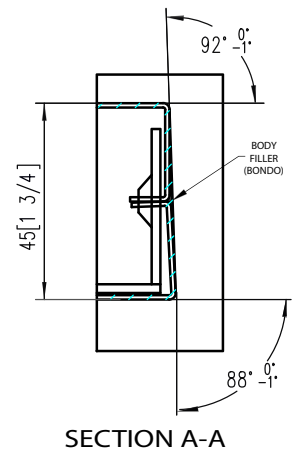
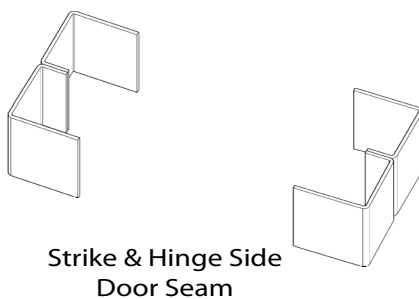
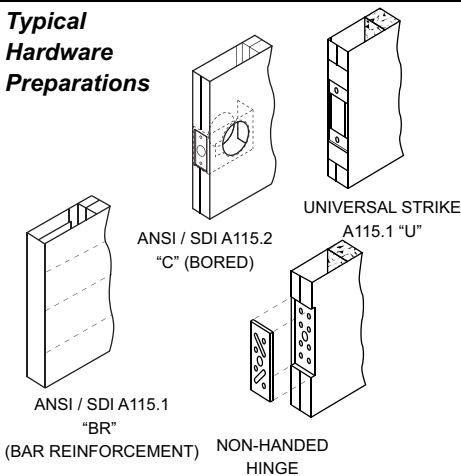
- ◆ 18-Gauge Galvanized Steel or Cold Rolled Steel
- ◆ Seamless Beveled Two-Edge
- ◆ Full Body Polystyrene Core
- ◆ Handed Design
- ◆ 12-Gauge Closer Reinforcement
- ◆ 7-Gauge Hinge Reinforcement-Reversible
- ◆ 16-Gauge Flush Top Cap - Galvanized Standard / Heavy Duty
- ◆ 16-Gauge Inverted Bottom Cap - Galvanized
- ◆ Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- ◆ Standard Lock Preparations Include 161, Panic Bar Reinforced
- ◆ WHI / ITS up to 3 hour, Positive Pressure and "S" Smoke included
- ◆ Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8



Sections



Typical Hardware Preparations



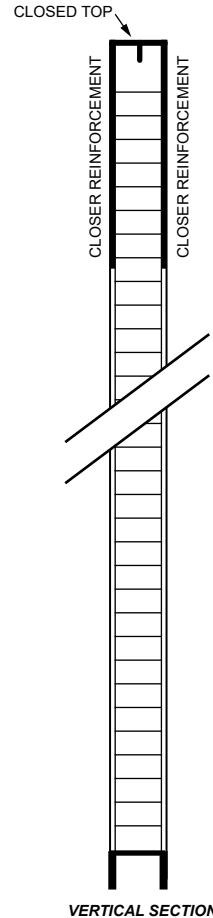
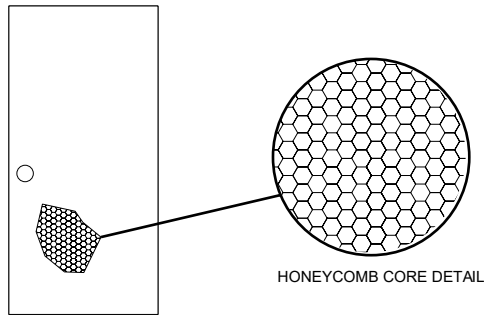
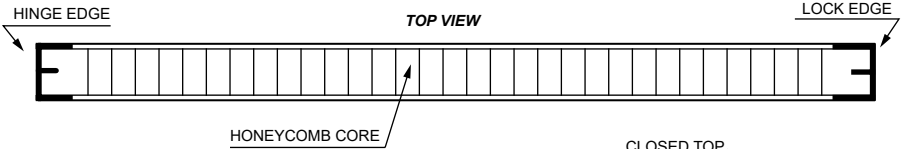


6000 SERIES DOUBLE EGRESS DOORS

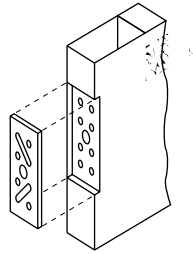
Standard Features

- ◆ 18/16 Gauge Galvanized
- ◆ Seamless Filled Edges
- ◆ Full Body Honeycomb Core #90 Density Weight
- ◆ Non Handed Design
- ◆ 12 Gauge Closer Reinforcement
- ◆ 7-Gauge Hinge Reinforcement-Reversible
- ◆ 16-Gauge Top Cap - Galvanized
- ◆ 16-Gauge Inverted Bottom Cap - Galvanized
- ◆ Reinforced for Double Egress Surface Vertical Rod Application
- ◆ Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- ◆ WHI / ITS up to 3 hour, Positive Pressure and "S" Smoke included
- ◆ Meets or Exceeds Standards for ANSI 240.4 and ANSI 250.8

Sections



Typical Hardware Preparation



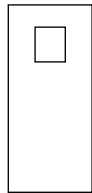
NON-HANDED HINGE

3 HR. LABEL STYLES

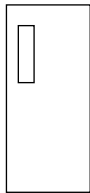


FV
3 x 33

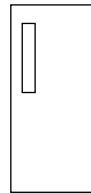
1-1/2 HR. LABEL STYLES



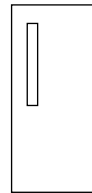
10 x 10



NN
5 x 20

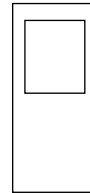


4 x 25



NG
3 x 33

3/4 HR. LABEL STYLES

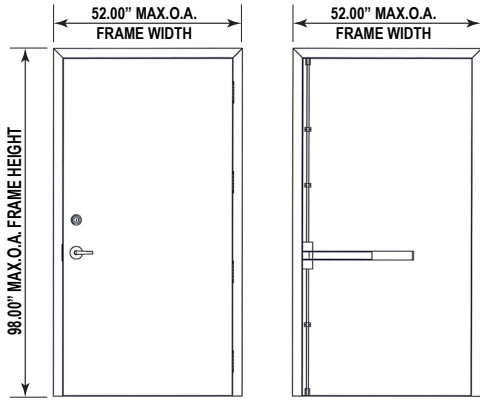


L1



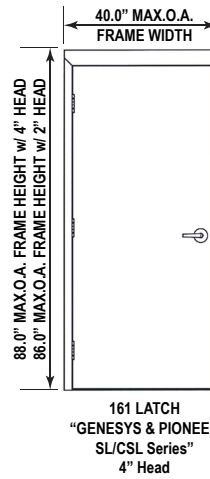


DKS 1800 Series Hurricane-Tested Florida Approved FL41130



161 LATCH & DEADBOLT
"PIONEER SL/CSL Series" Latch
"T300 Series" Deadbolt

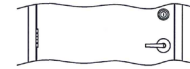
PANIC BAR EXIT DEVICE
w/ VERTICAL RODS
"7700-V Series"



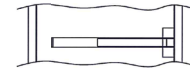
161 LATCH
"GENESYS & PIONEER
SL/CSL Series"
4" Head



86 E MORTISE LOCK
"NM Series"



161 LATCH & DEADBOLT
"PIONEER SL/CSL Series & T300 Series"
4" Head



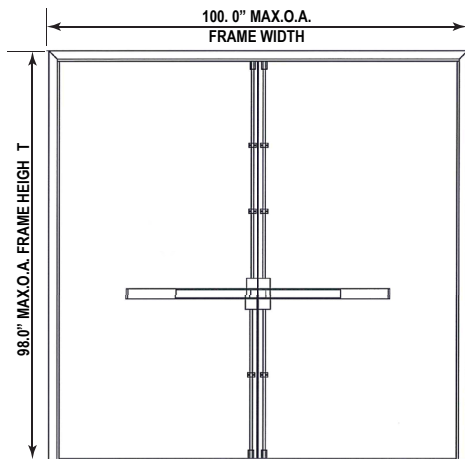
"F5000/5000 & F7700/7700 Series"
PANIC BAR EXIT DEVICE

STEEL COMMERCIAL DOOR OUTSWING "IMPACT"

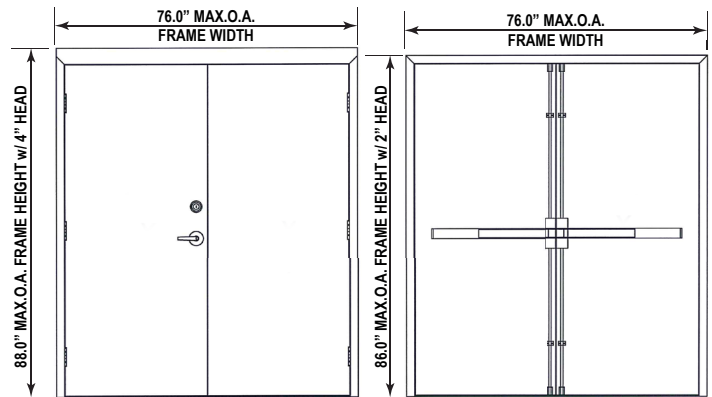
OVERALL FRAME DIMENSIONS	LOCK TYPE	DESIGN PRESSURE PSF	
		POSITIVE	NEGATIVE
52.00" x 98.00"	161 Latch & Deadbolt "PIONEER SL/CSL & T300 Series"	+80.0	-80.0
40.00" x 98.00"	Panic Bar Exit Device with Vertical Rods	+70.0	-70.0
52.00" x 98.00"	"7700-V Series"	+50.0	-50.0

STEEL COMMERCIAL SINGLE DOOR INSWING / OUTSWING "IMPACT"

OVERALL FRAME DIMENSIONS	LOCK TYPE	DESIGN PRESSURE PSF			
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
40.00" x 88.00"	161 Latch "PIONEER SL/CSL Series"	+55.0	-55.0	+55.0	-55.0
	161 Latch & Deadbolt "PIONEER SL/CSL & T300 Series"	+55.0	-55.0	+55.0	-55.0
	161 Latch "GENESYS Series"	+70.0	-70.0	+70.0	-70.0
	Panic Bar Exit Device "F5000/5000 Series"	N/A	N/A	+50.0	-50.0
	Panic Bar Exit Device "F7700/7700 Series"	N/A	N/A	+70.0	-70.0
	86E Mortise Lock "NM Series"	+80.0	-80.0	+80.0	-80.0



PANIC BAR EXIT DEVICE w/ VERTICAL RODS
"7700-V Series"



161 LATCH & DEADBOLT
"PIONEER SL/CSL Series" Latch
"T300 Series" Deadbolt

PANIC BAR EXIT DEVICE
w/ VERTICAL RODS
"7700-V Series"

STEEL COMMERCIAL DOUBLE DOOR OUTSWING "IMPACT"

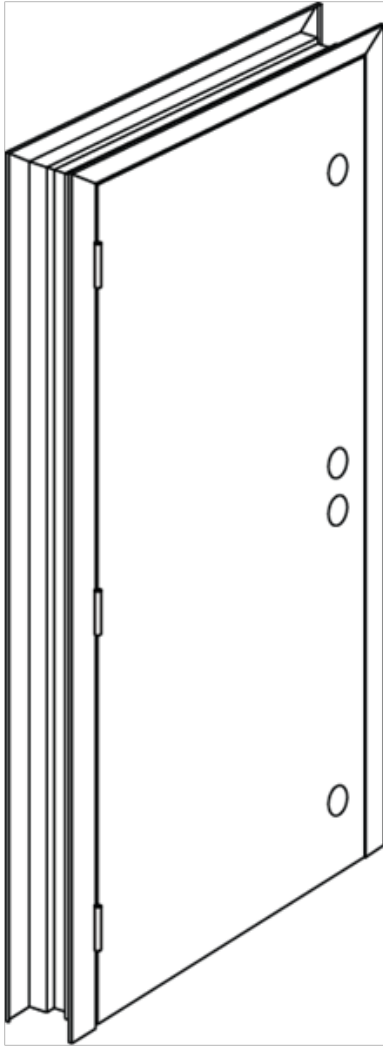
OVERALL FRAME DIMENSIONS	LOCK TYPE	DESIGN PRESSURE PSF	
		POSITIVE	NEGATIVE
100.0" x 98.0"	Panic Bar Exit Device with Vertical Rods "7700-V Series"	+50.0	-50.0

STEEL COMMERCIAL DOUBLE DOOR INSWING / OUTSWING "IMPACT"

OVERALL FRAME DIMENSIONS	LOCK TYPE	DESIGN PRESSURE PSF			
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
76.00" x 88.00"	161 Latch & Deadbolt "PIONEER SL/CSL & T300 Series"	+55.0	-55.0	+55.0	-55.0
	Panic Bar Exit Device with Vertical Rods "7700-V Series"	N/A	N/A	+70.0	-70.0



DKS MD1400 SERIES MAXIMUM DUTY DOORS & FRAMES



MAX-DUTY DOORS & FRAMES

- 14 Gauge Door
- 12 Gauge Frame
- 161 Prep and 3 Deadbolt Preps
- Polystyrene Core
- 2 3/4" Backset
- 3/8" Undercut
- 4 1/2" x 4 1/2" Heavy Duty Hinge Prep
- DKS Steel Door & Frame Locations

MAX DUTY DOORS

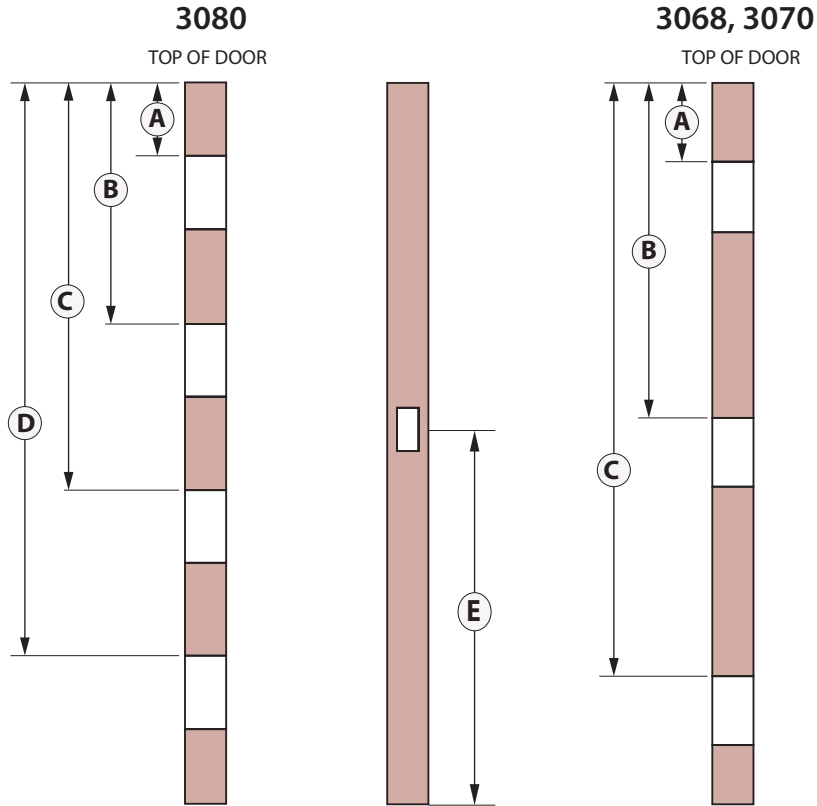
PART NUMBER	SIZE	PREP
MD2868	2868	C
MD3068	3068	C

MAX DUTY FRAMES

HAND	PART NUMBER	SIZE	DESCRIPTION
RH	MD4086	2868	5 3/4" 12 Gauge Frame with 3DL & ASA
LH	MD4087	2868	5 3/4" 12 Gauge Frame with 3DL & ASA
RH	MD4011	2868	8 3/4" 12 Gauge Frame with 3DL & ASA
LH	MD4012	2868	8 3/4" 12 Gauge Frame with 3DL & ASA
RH	MD4100	3068	5 3/4" 12 Gauge Frame with 3DL & ASA
LH	MD4101	3068	5 3/4" 12 Gauge Frame with 3DL & ASA
RH	MD4800	3068	8 3/4" 12 Gauge Frame with 3DL & ASA
LH	MD4801	3068	8 3/4" 12 Gauge Frame with 3DL & ASA



DOOR HINGE CROSS REFERENCE CHART



MANUFACTURERS	3068 DOOR				3070 DOOR				3080 DOOR				
	A	B	C	E	A	B	C	E	A	B	C	D	E
DKS	7 3/8	37 5/16	67 1/4	39 9/16	7 3/8	39 5/16	71 1/4	39 9/16	7 3/8	32 11/16	58	83 5/16	39 9/16
Steelcraft	7 3/8	37 5/16	67 1/4	39 9/16	7 3/8	39 5/16	71 1/4	39 9/16	7 3/8	32 21/32	57 15/16	83 1/4	39 9/16
Amweld	7 3/8	37 5/16	67 1/4	39 9/16	7 3/8	39 5/16	71 1/4	39 9/16	7 3/8	32 11/16	58	83 5/16	39 9/16
Ceco	6 5/8	37 5/8	68 5/8	41 1/16	6 5/8	39 5/8	72 5/8	41 1/16	6 5/8	32 5/8	58 5/8	84 5/8	41 1/16
Curries	4 7/8	35 1/8	65 3/8	39 1/4	4 7/8	37 1/8	69 3/8	39 1/4	4 7/8	30 3/8	55 7/8	81 3/8	39 1/4
Dean Steel	4 7/8	35 1/8	65 3/8	39 9/16	4 7/8	37 1/8	69 3/8	39 9/16	4 7/8	30 3/8	55 7/8	81 3/8	39 9/16
Mesker	4 7/8	35 1/8	65 3/8	39 9/16	4 7/8	37 1/8	69 3/8	39 9/16	4 7/8	30 3/8	55 7/8	81 3/8	39 9/16
Republic	4 7/8	35 1/8	65 3/8	39 9/16	4 7/8	37 1/8	69 3/8	39 9/16	4 7/8	30 3/8	55 7/8	81 3/8	39 9/16
Pioneer	4 7/8	35 1/8	65 3/8	37 1/4	4 7/8	37 1/8	69 3/8	37 1/4	4 7/8	30 3/8	55 7/8	81 3/8	37 1/4

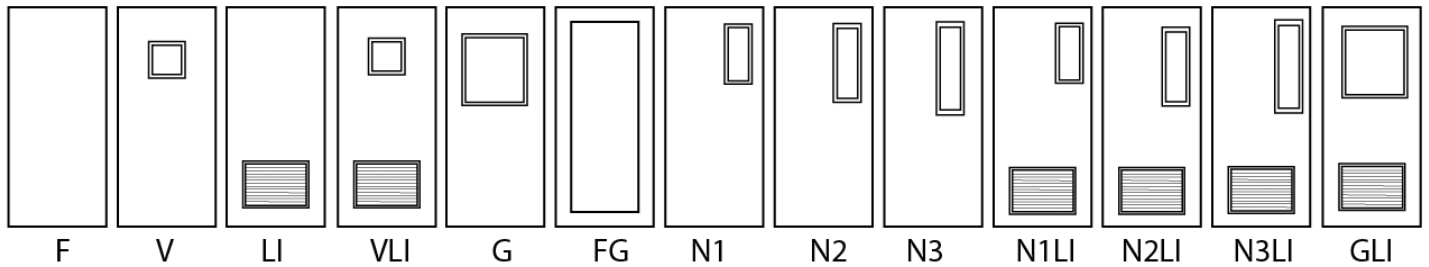


DKS Door Specifications

Series	Type	Gauge	Core	GALV	Edge	Handing	Thickness	Label	Max Size
1000	Flush	16, 18, 20	Polystyrene	GALV	Corner Seam	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
1100	Flush	16, 18, 20	Polystyrene or Honeycomb	GALV	Lock Seam	Reversible or Handed	1 3/4"	3hr/PP/S	8'0" x 8'0"
1200	Flush	20	Polystyrene	GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
1300	Stiffened	18	Mineral Wool Fill	GALV	Seamless	Handed	1 3/4"	3hr/PP/S	8'0" x 8'0"
1400	Stiffened	16	Mineral Wool Fill	GALV	Seamless	Handed	1 3/4"	3hr/PP/S	8'0" x 8'0"
MD1400	Max Duty	14	Polystyrene	GALV	Seamless	Reversible	1 3/4"	90 mins	4'0" x 8'0"
WS1400	Wind Storm	14	SS	GALV	Seamless	Reversible	1 3/4"	90 mins	6'0" x 8'0"
1500	Retrofit Replacement	18	Polystyrene	GALV	Corner Seam	Reversible	1 3/4"	N/A	4'0" x 8'0"
1600	Flush	16	Polystyrene	GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
1700	6-Panel	18, 20	Polystyrene	GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
1800	Flush	18	Polystyrene	GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
1900	2-Panel	18	Polystyrene	GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	6'0" x 7'0"
2000	Flush	18	Honeycomb	GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
2100	Flush	18	Polystyrene	GALV	Seamless(B2E)	Handed	1 3/4"	3hr/PP/S	3'0" x 8'0"
6000	Flush	18	Double Egress Honeycomb	GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
9000	Temp. Rise 250 Degrees	18	Mineral core	GALV	Seamless	Reversible	1 3/4"	90 mins	8'0" x 8'0"

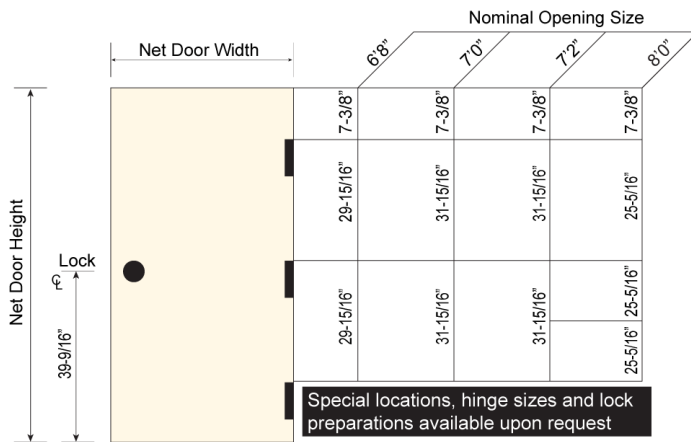
PP: Positive Pressure, GALV: Galvanized, S: Smoke

Standard Door Types

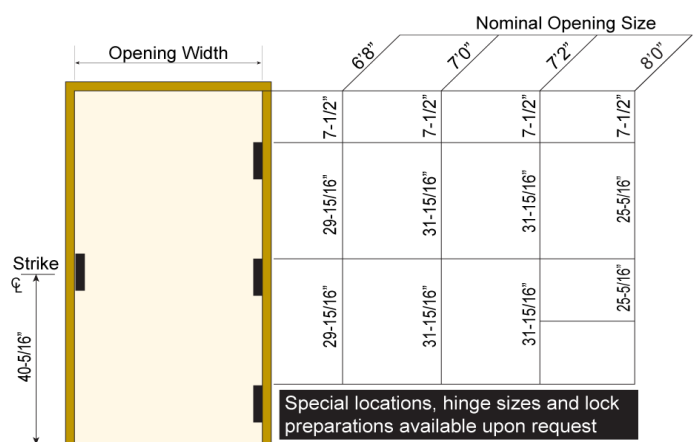


DOORS

Standard Hardware Locations 4-1/2" Hinge



FRAMES

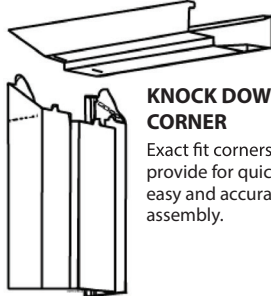


Welded or Knock Down Steel Frames

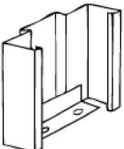
DKS manufactures steel frames in standard sizes. These frames have the tightest tolerances in the industry. DKS steel frames are available in 16 gauge for 1-3/4" doors.

All standard frames are manufactured from Galvanized steel.

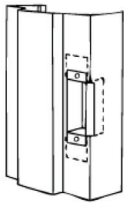
DKS fire labeled steel frames carry up to 3-hour Intertek Mark.



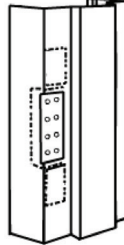
KNOCK DOWN CORNER
Exact fit corners provide for quick, easy and accurate assembly.



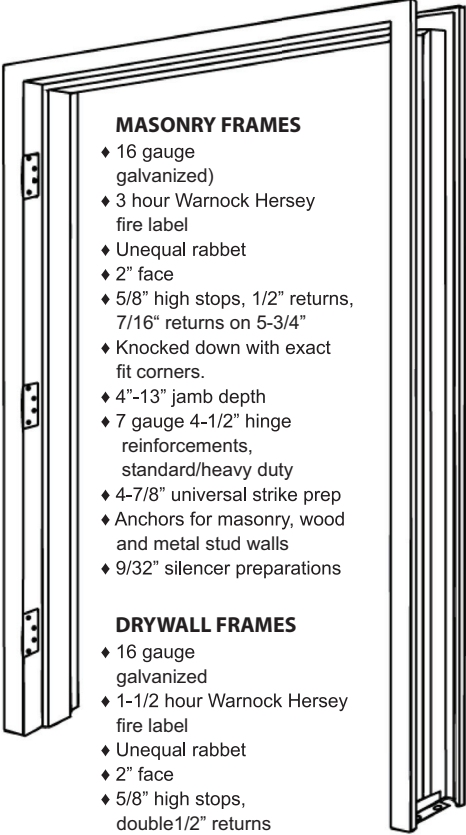
FLOOR ANCHOR
18-gauge floor anchors standard in all masonry frames.



STRIKE REINFORCEMENT
14-gauge strike reinforcements and mortar boxes are designed for accurate and universal function.



HINGE REINFORCEMENT
7-gauge standard/heavy duty hinge reinforcements.



MASONRY FRAMES

- ◆ 16 gauge galvanized)
- ◆ 3 hour Warnock Hersey fire label
- ◆ Unequal rabbet
- ◆ 2" face
- ◆ 5/8" high stops, 1/2" returns, 7/16" returns on 5-3/4"
- ◆ Knocked down with exact fit corners.
- ◆ 4"-13" jamb depth
- ◆ 7 gauge 4-1/2" hinge reinforcements, standard/heavy duty
- ◆ 4-7/8" universal strike prep
- ◆ Anchors for masonry, wood and metal stud walls
- ◆ 9/32" silencer preparations

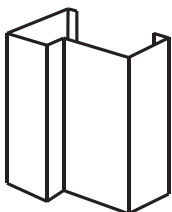
DRYWALL FRAMES

- ◆ 16 gauge galvanized
- ◆ 1-1/2 hour Warnock Hersey fire label
- ◆ Unequal rabbet
- ◆ 2" face
- ◆ 5/8" high stops, double 1/2" returns
- ◆ Knocked down with exact fit corners.
- ◆ 5-7/8", 6-1/4", 6-3/4", 7-1/4", 7-3/4", 8-1/4", 8-3/4" jamb depth
- ◆ Screw adjusting compressor anchors
- ◆ 7 gauge 4-1/2" hinge reinforcements standard/heavy duty
- ◆ 4-7/8" universal strike prep
- ◆ Anchors for masonry, wood and metal stud walls
- ◆ 9/32" silencer preparations

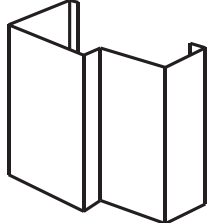
Also available in 18 gauge (Cold rolled and galvanized)

OPTIONAL


SINGLE RABBIT BLANK FRAMES



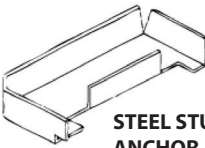
Single Rabbet Frame, Depth 3.5"




Single Rabbet Frame, Depth 5.5"




WELDED CORNER
Welded corners are tight fitting to provide a smooth seamless appearance.



STEEL STUD ANCHOR



WOOD STUD ANCHOR




WIRE MASONRY





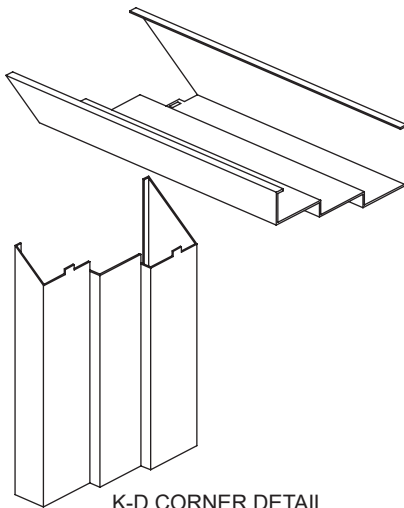
DOUBLE EGRESS FRAMES

STANDARD FEATURES

- 16-Gauge A-40 Galvanized
- Double Egress profile
- Exact fit mitered corner
- 7-Gauge hinge reinforcement
- Standard / Heavy Duty Adjustment
- Floor anchors in all jamb sides
- Wall anchors for masonry, wood stud, metal stud and strap anchors
- 4-inch to 9.75-inch jamb depths, refer to price list for stock items
- WHI 3 HR listing,  smoke label

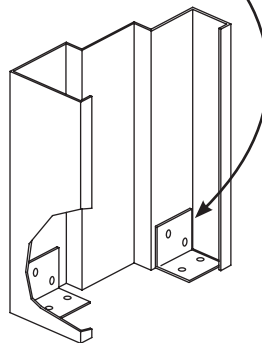


NOTE: ITEM SHOWN NOT TO SCALE

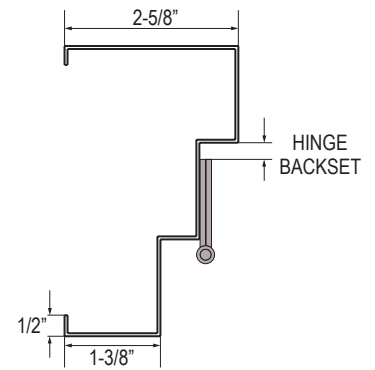


K-D CORNER DETAIL

L-STRAP ANCHORS WELDED IN



FLOOR ANCHOR DETAIL



PROFILE



EXPANDABLE MASONRY AND DRYWALL FRAMES

The DKS "EXP" adjustable frame is a three piece system designed to adjust to multiple depth wall conditions. Slide rails placed inside the frame throat allow the frame to accommodate all jamb from 4 5/8" to 7 3/4" (for drywall) and 4 3/4" to 7 7/8" (for masonry) using a single frame.

The frame material used in manufacturing is A-40 galvanized 16 gauge. Prime painted with two part epoxy baked on at the factory.

Three 7 gauge 4.5 x 4.5 hinge reinforcements for 6'8" and 7'0" heights. Four 7 gauge hinge reinforcements for 8'0" height frames. All locations are DKS standard. All hinge reinforcements are prepared to accept standard weight or heavy weight template hinges. The ASA strike reinforcement is 12 gauge material drilled and tapped to accept 12-24 screws.

The frame is prepared for silencer application.

The frame carries the 90 minute WHI mark as standard.

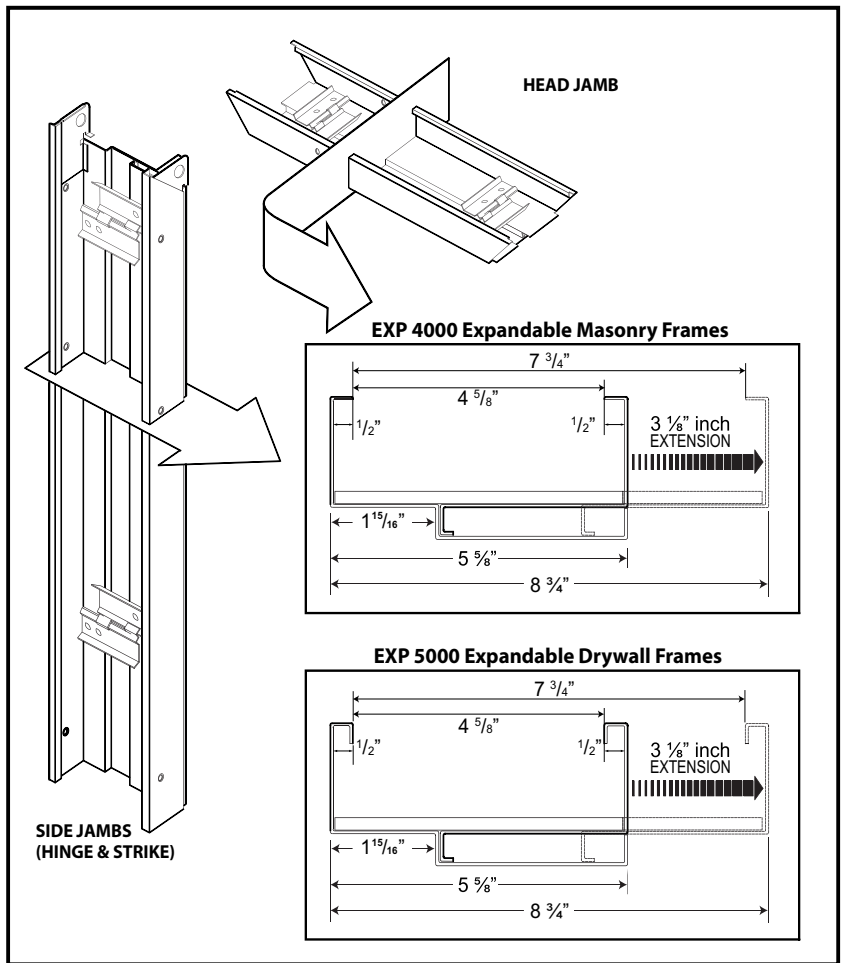
The EXP Frame is available in both DKS 4000 Series Masonry and 5000 Series Drywall configurations.



SLIDE RAILS



HINGE REINFORCEMENTS



DKS Steel Door & Frame Systems, Inc.

2142 Tubeway Avenue
Commerce, CA 90040

Tel: (323) 888-7763
Fax: (323) 888-0063
Website: www.dksdoors.com
Email: sales@dksdoors.com





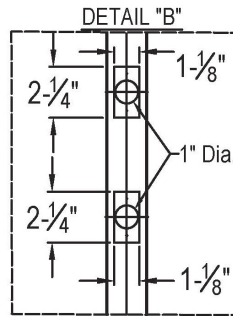
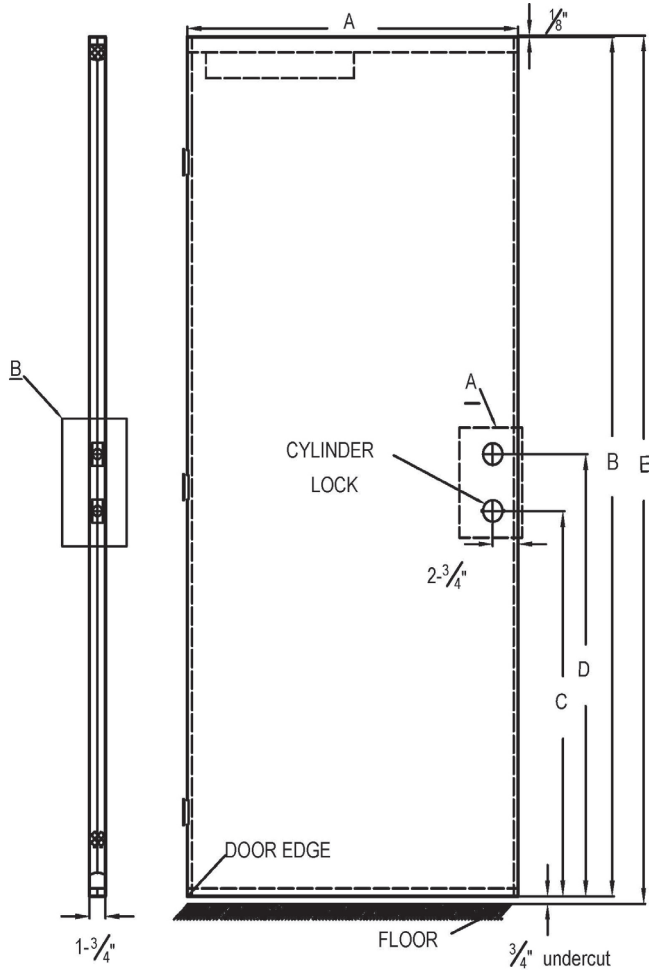
DOOR & FRAME ACCESSORIES

MULTI-PURPOSE ADJUSTABLE DOOR ANCHOR	HEAVY DUTY ADJUSTABLE DRYWALL ANCHOR (HDADWA)
	
DOOR SILENCER (DSM21)	REVERSIBLE FLUSH BOLT STRIKE W/ BACKING PLATE (FLUSHSTRK-2)
	
DEAD LOCK REINFORCEMENT PLATE (DBCONV-2)	CLOSER REINFORCEMENT (CR01)
	
DOOR FRAME DRIP CAP (CR44640)	
	

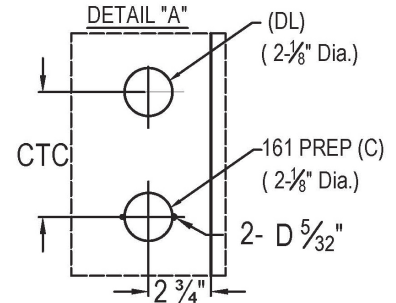
CHECK OUR NEW CATALOGUE FOR A COMPLETE LISTING OF DOOR AND FRAME ACCESSORY ITEMS

Double Bore Door Preps. New California American Disability Act (ADA) Standard

Available in 1700 Series (6-Panel), 1900 Series (2-Panel), SP1900 (Single Panel), 1800 Series (Flush Doors)



PREP FOR DOOR LATCHES



PREP (C/DL, 5-1/2" CTC & 4" CTC)

PREVIOUS CA STANDARD DOOR (AVAILABLE UNTIL SUPPLIES LAST)

ITEM #	DOOR SIZE	A	B	E	CTC	C	D (CTC + C)
1703CA	3068	35 3/4"	79 1/8"	80"	5 1/2"	37 1/4"	42 3/4"
1708CA	3070	35 3/4"	83 1/8"	84"	5 1/2"	37 1/4"	42 3/4"
1817CA	3068	35 3/4"	79 1/8"	80"	5 1/2"	37 1/4"	42 3/4"
1841CA	3070	35 3/4"	83 1/8"	84"	5 1/2"	37 1/4"	42 3/4"
1903CA	3068	35 3/4"	79 1/8"	80"	5 1/2"	37 1/4"	42 3/4"
1908CA	3070	35 3/4"	83 1/8"	84"	5 1/2"	37 1/4"	42 3/4"

REGULAR DOOR

ITEM #	DOOR SIZE	A	B	E	CTC	C	D (CTC + C)
1709	3068	35 3/4"	79 1/8"	80"	4"	39 9/16"	43 9/16"
1703					5 1/2"	39 9/16"	45 1/16"
1708	3070	35 3/4"	83 1/8"	84"	5 1/2"	39 9/16"	45 1/16"
1815	3068	35 3/4"	79 1/8"	80"	4"	39 9/16"	43 9/16"
1817					5 1/2"	39 9/16"	45 1/16"
1816					7 11/16"	39 9/16"	47 1/4"
1843	3070	35 3/4"	83 1/8"	84"	4"	39 9/16"	43 9/16"
1841					5 1/2"	39 9/16"	45 1/16"
1839					7 11/16"	39 9/16"	47 1/4"
1903					5 1/2"	39 9/16"	45 1/16"
1908	3070	35 3/4"	83 1/8"	84"	5 1/2"	39 9/16"	45 1/16"

NEW 2019 CA STANDARD DOOR

ITEM #	DOOR SIZE	A	B	E	CTC	C	D (CTC + C)
1709CA	3068	35 3/4"	79 1/8"	80"	4"	37 1/4"	41 1/4"
N1703CA					5 1/2"	35 1/4"	40 3/4"
N1708CA	3070	35 3/4"	83 1/8"	84"	5 1/2"	35 1/4"	40 3/4"
1815CA	3068	35 3/4"	79 1/8"	80"	4"	37 1/4"	41 1/4"
N1817CA					5 1/2"	35 1/4"	40 3/4"
1843CA	3070	35 3/4"	83 1/8"	84"	4"	37 1/4"	41 1/4"
N1841CA					5 1/2"	35 1/4"	40 3/4"
N1903CA	3068	35 3/4"	79 1/8"	80"	5 1/2"	35 1/4"	40 3/4"
N1908CA	3070	35 3/4"	83 1/8"	84"	5 1/2"	35 1/4"	40 3/4"

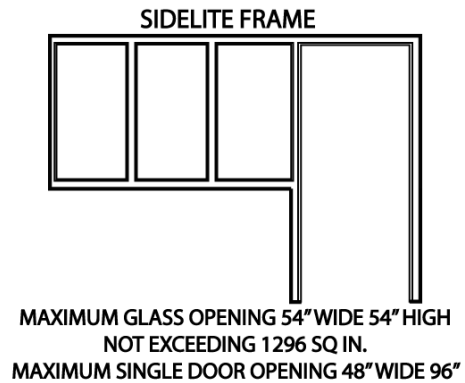
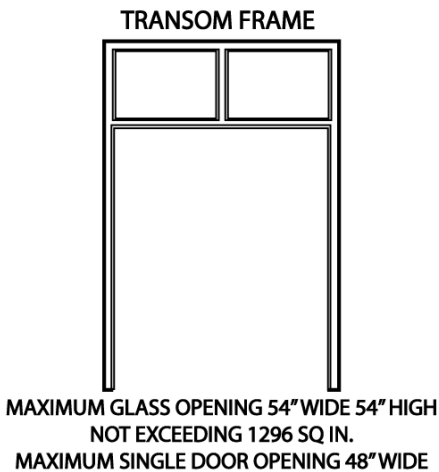
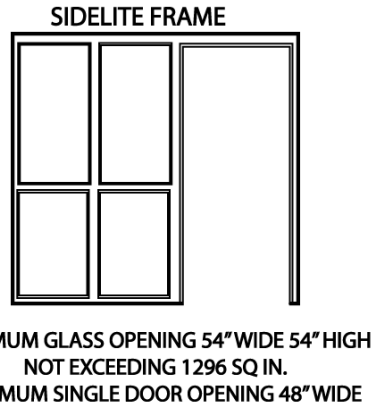
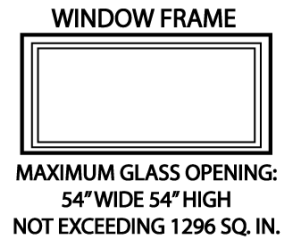
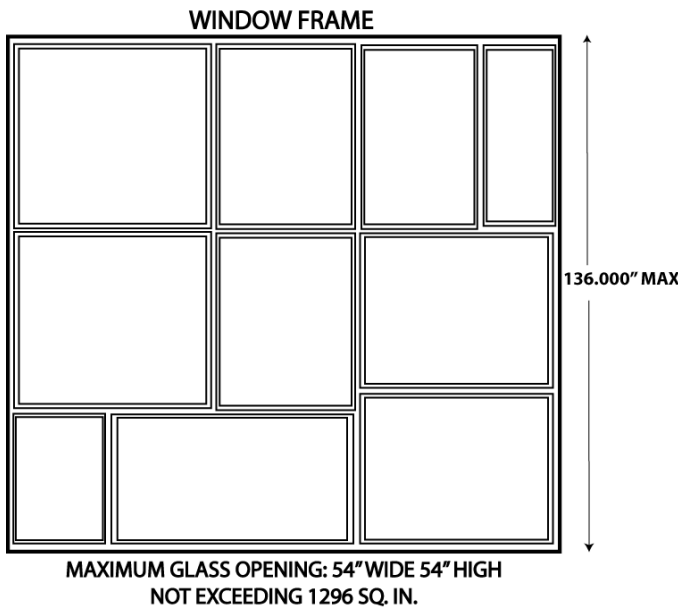
Refer to Price List for Stock Item, page D10-D14



7500 Series Architectural Stick Components Sidelite, Transom, and Window Frames

Fabrication Components

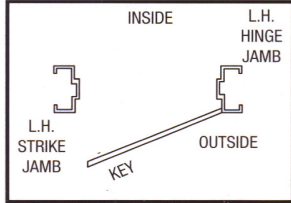
TYPE
Hinge Jamb 10'0", 6'8", & 7'0" locations
Strike Jamb 10'0", 6'8", & 7'0" locations
Hinge Mullion 10'0", 6'8", & 7'0" locations
Strike Mullion 10'0", 6'8", & 7'0" locations
Blank Mullion 10'0"
Blank Stick Material 10'0"



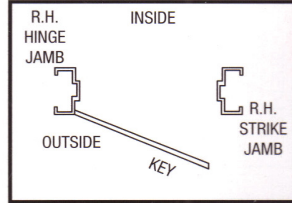
Door and Frame Handing Chart

SINGLE SWING DOORS

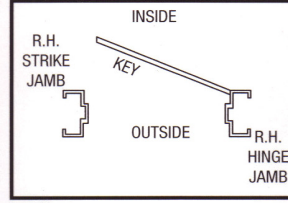
When door swings towards you and hinges are on right side of the door – **Door is R.H.R. / Frame is L.H.**
 When door swings inside and hinges are on right side of the door – **Door is R.H. / Frame is R.H.**



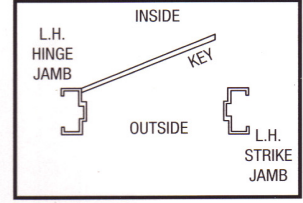
Right Hand Reverse Door
(Swing Out) Left Hand Frame



Left Hand Reverse Door
(Swing Out) Right Hand Frame



Right Hand Door (Swing In)
Right Hand Frame

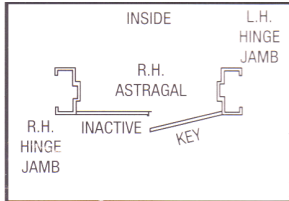


Left Hand Door (Swing In)
Left Hand Frame

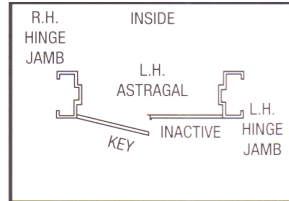
DOUBLE DOORS

When door leaf swing towards you and hinges are on the right side of active leaf –
Door is R.H.R Active / Frame is L.H. Active

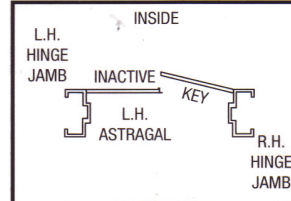
When door leaf swing inside and hinges are on the right side of active leaf –
Door is R.H. Active / Frame is R.H. Active



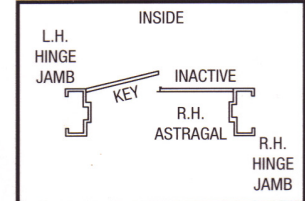
OUTSIDE
 Pair of Doors – R.H.R. Active
(Swing Out)
 Double Door Frame L.H. Active



OUTSIDE
 Pair of Doors – L.H.R. Active
(Swing Out)
 Double Door Frame R.H. Active



OUTSIDE
 Pair of Doors – R.H. Active
(Swing In)
 Double Door Frame R.H. Active



OUTSIDE
 Pair of Doors – L.H. Active
(Swing In)
 Double Door Frame L.H. Active

Warehouse Locations

California
<p>DKS Steel Door & Frame Systems Inc. 2142 S. Tubeway Avenue, Commerce, CA 90040 Tel: (323) 888-7763; Fax: (323) 888-0063 Email: sales@dksdoors.com; Website: www.dksdoors.com</p>

Arizona	Texas	
<p>DKS Arizona Warehouse 1725 W. Williams Drive, Suite 14 Phoenix, AZ 85027 Tel: (602) 698-7779 Fax: (480) 383-6353 Email: sales@SWOpeningSolutions.com</p>	<p>DKS Arlington Texas SSG Texas 2020 Exchange Drive, Arlington, TX 76011 Tel: (817) 275-3070 Fax: (817) 275-3068 Email: gregshuck@ssg-texas.com Website: www.ssg-texas.com</p>	<p>DKS Houston Texas SSG Texas 423 Blueberry, Houston, TX 77018 Tel: (817) 275-3070 Fax: (817) 275-3068 Email: gregshuck@ssg-texas.com</p>
Pennsylvania	Indiana	Colorado
<p>DKS Pennsylvania Warehouse Tab Industries, LLC 2525 North 12th Street Reading, PA 19605 Tel: (610) 921-0012 Fax: (610) 921-0014 Email: tbrizek@tabindustries.com Website: www.tabindustries.com</p>	<p>DKS Indiana Warehouse Compass Building Products 24615 County Road 45, Suite # 1 Elkhart, IN 46516 Tel: (574) 350-3749 Website: www.compassbldgproducts.com</p>	<p>DKS Colorado Warehouse Steele-Brez & Associates, Inc. 2045 W. Amherst Ave. Englewood, CO 80110 Tel: (800) 321-7232; (303) 922-3692 Fax: (303) 922-3749 Website: www.steele-brez.com</p>

CAL-ROYAL PRODUCTS, INC.

Lites & Louvers Color Chart

Cal-Royal Lites are powder coated which provides better performance. It is more resistant to chipping, scratching and other wear because of the thermal bonding it undergoes during curing, and because it can be applied in much thicker layers. In addition to its physical toughness, powder coating provides superior color retention resulting in longer life usage

HOW TO ORDER: LITES & LOUVERS CUSTOM COLORS

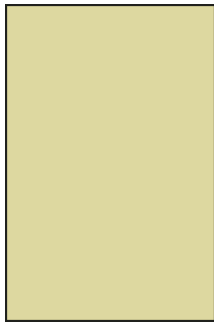
MUST SPECIFY: Item Code of the color choice shown below as 2nd line item when ordering. Otherwise, it will be shipped in Standard DARK BRONZE Color.

Example: To order SVL1212 with SEMI GLOSS BLACK COLOR, Order: "SVL1212" and "SPRAYPAINT-BK" as two line items.



Dark Bronze (DB)

Item Code:
SPRAY PAINT



Sand (S)

Item Code:
SPRAYPAINT-S



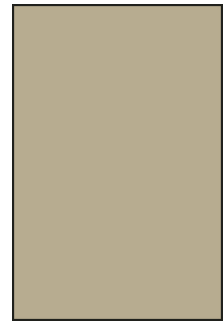
SC Beige (SB)

Item Code:
SPRAYPAINT-SB



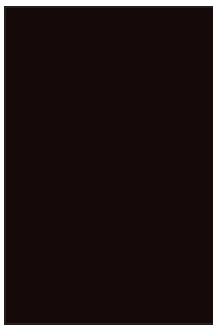
AMS Beige (AB)

Item Code:
SPRAYPAINT-AB



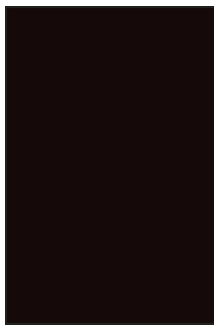
Brass (BRA)

Item Code:
SPRAYPAINT-BRA



Semi Gloss Black (BK)

Item Code:
SPRAYPAINT-BK



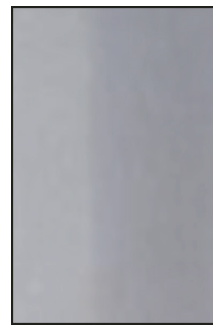
Flat Black (FBK)

Item Code:
SPRAYPAINT-FBK



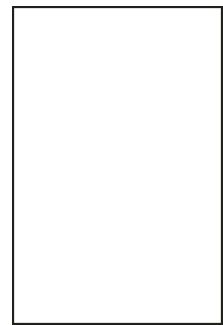
Grey (PR)

Item Code:
SPRAYPAINT-GRY



Silver (SL)

Item Code:
SPRAYPAINT-SL



White (W)

Item Code:
SPRAYPAINT-W

Note: The colors shown above are similar to, and may not be exactly the same as the painted products.

Dark Bronze (DB) and Grey (PR, Prime Coat) are available for immediate shipment on selected sizes shown in the price list. Custom Colors are also available with no additional charge.

All other sizes & colors are made in the USA with factory lead time.



20-180 Minute Fire-Rated Steel Vision Kits*

SVL , Vision Lite Low Profile

ILLUSTRATION	SPECIFICATIONS
	<p>For use in fire rated door applications under positive and neutral pressure. Intertek testing certification in compliance to NFPA 252 (2000), UL 10C (2009), CAN / ULS104 (2010), NFPA (201) and CSI CODE 0870 00.</p> <p>Specifications:</p> <ul style="list-style-type: none"> - Low Profile Beveled Vision Lite; 20 Gauge Cold Rolled Steel - Mitered welded corners with counter sunk mounting holes - Single side attaching with matching mounting screws included - Designed for use with 1 3/4" doors only. For use with 3/16" to 1/4" glass thickness - Standard Color: Dark Bronze (DB) - Also available in Grey (PR), White (W), SC Beige (SB), & Flat Black (FBK) in selected sizes only - Custom colors available, see color chart on page 18 - Fastener: # 8 x 7/8" flathead phillips head SMS <p>Kit Options:</p> <ul style="list-style-type: none"> - Also available as a KIT or bundle which comes with the Frame, Glass and Glazing Tape. - Available glass types are Fire Rated Pyran® Platinum F Glass (3/16"), TEMP20 (1/4"), PROTECT3™ Wired Safety Glass (1/4"), and Non-Fire Rated Tempered (1/4"). <p>Notes:</p> <ul style="list-style-type: none"> - Order size is equal to opening size. Visible vision opening is 2" under order size - Glass size dimension is 1" under complete order size - Dimensions are written width (W) x height (H) * Refer to price list for list of fire rated sizes * Custom sizes are available. See price list.

VL , Vision Lite Standard Profile for 3/16" to 1/4" Thick Glass Frames 10VL , Vision Lite Standard Profile for 1" Thick Glass Frames

ILLUSTRATION	SPECIFICATIONS
	<p>For use in fire rated door applications under positive and neutral pressure. Intertek testing certification in compliance to NFPA 252 (2000), UL 10C (2009), CAN/ULS104 (2010), NFPA (201) and CSI CODE 0870 00.</p> <p>Specifications:</p> <ul style="list-style-type: none"> - Standard Profile Beveled Vision Lite; 20 Gauge Cold Rolled Steel - Mitered welded corners with counter sunk mounting holes - Single side attaching with matching mounting screws included - Also available for 1" glass thickness (10VL Series) - Designed for use with 1 3/4" doors only; For use with 3/16" to 1/4" glass thickness - Standard Color: Dark Bronze (DB); also available in Grey (PR - Prime Coat) in selected sizes only - Custom colors available, see color chart on page 18 - Fastener: # 8 x 7/8" flathead phillips head SMS <p>Kit Options:</p> <ul style="list-style-type: none"> - Also available as a KIT or bundle which comes with the Frame, Glass and Glazing Tape. - Available glass types are Fire Rated Pyran® Platinum F Glass (3/16"), TEMP20 (1/4"), PROTECT3™ Wired Safety Glass (1/4"), and Non-Fire Rated Tempered (1/4"). <p>Notes:</p> <ul style="list-style-type: none"> - Order size is equal to opening size, Glass size dimension is 1" under complete order size - Visible vision opening is 2" under order size - Dimensions are written width (W) x height (H) * Refer to price list for list of fire rated sizes * Custom sizes are available. See price list.

Pyran (PPF), TEMP20, Wire Shield (WS), and Tempered

Glass for Low & Standard Profile Lite Kits

Pyran (PPF)

(PYRAN® PLATINUM F, Fire & Safety Rated)

- Fire-Rated up to 90 minutes (180 minutes in doors) with required hose stream test
- Fire and Safety-Rated Glass Impact / Safety Rated to ANSI Z97.1 and CPSC 16CFR1201 CAT II
- Thickness: 3/16" (5mm). Weight: 2.5 lbs / ft²
- UL labeled standard, 3/16" thick glass ceramic.
- Surface applied heavy duty safety film. Install in fire listed and labeled vision lite frames.
- Light transmission: 80% approx.
- Minimum size: 4" x 6"
- Maximum sheet size: 43" x 77"

WireShield (WS)

(PROTECT3™ Wired Safety Glass, Fire-Rated)

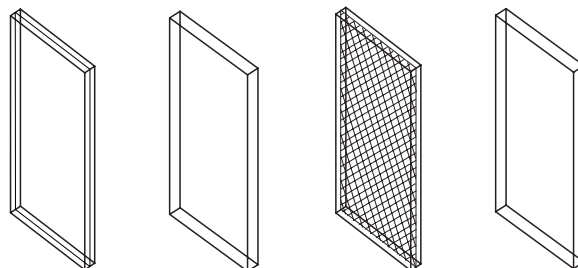
- Fire-Rated up to 90 minutes with hose stream
- UL classified and UL labeled
- Impact-Safety rated to ANSI Z97.1 and CPSC 16CFR1201, CAT I and II
- Passes 400 ft-lb impact tests
- Annealed single glazing with safety film applied to one side
- Passes air blast testing - minimum Level 3 @ 4.0PSI
- Embedded 3/4" x 3/4" wire mesh
- Light Transmission: 86% approx
- Thickness: 1/4" (6 mm)
- Minimum size: 4" x 4"
- Maximum sheet size: 48" x 96"

TEMP20

- Clear wire-free, fire rated and impact safety rated glass for 20 minute fire doors.
- Impact safety rated to ANSI Z97.1 and CPSC 16 CFR1201 (Cat I and II).
- Meets NFPA 80 requirements for certification and labeling.
- Tempered glass for safety and security.
- Thickness: 1/4" (6mm)
- Light transmission: 90% approx.
- Minimum size: 4" x 4"
- Maximum sheet size: 36" x 89"
- Can be used in standard fire rated doors of same rating.

Tempered Glass (TEMP)

- Clear wire free glass recommended for non-fire rated applications
- Heat treated clear safety glass that breaks into small particles. Glass cannot be cut after manufacturing.
- Thickness: 1/4" (6mm)
- Light transmission: 90% approx
- Minimum size: 2" x 2"
- Maximum sheet size: 87" x 117"
- Fire Rating: Non-Fire Rated

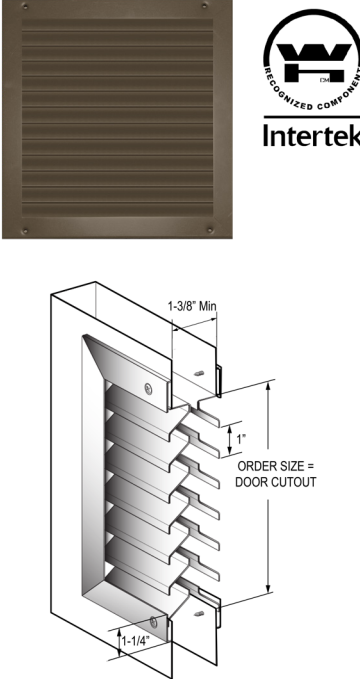


PYRAN TEMP20 WIRESHIELD TEMPERED

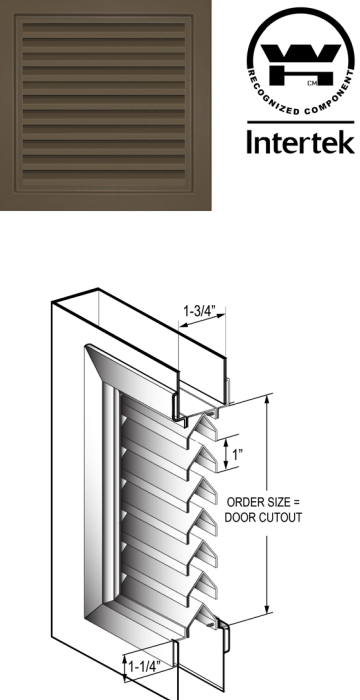
LISTINGS	Product	Rating	Application	Max Sq In (in ²)	Max Width (in)	Max Height (in)	Stop Height (in)
PPF	Platinum F	Up to 90 min	Other than doors	3422	76	76	5/8
		Up to 90 min	Doors (Non-Temp Rise)	2736	36	76	5/8
		180 min	Doors	100	12	33	1/2
TEMP20	Temp20	20 min	Doors	3204	36	89	1/2
WS	PROTECT3™ SAFETY WIRED GLASS (WireShield)	Up to 45 min	Doors, Metal	2856	34	84	5/8
		Up to 90 min	Doors, Metal	552	12	46	5/8
		Up to 60 min	Doors, Wood	960	12	80	5/8
		Up to 45 min	Window and Sidelites	4608	48	96	5/8
		Up to 45 min	Transom Lites	3456	96	36	5/8

90 Minute Fire-Rated Steel Louvers*

YLV, Divided Reverse "Y" Blade, Inverted Louvers

ILLUSTRATION	SPECIFICATIONS
 <p>Intertek RECOGNIZED COMPONENT</p>	<p>For use in fire-rated door applications under positive and neutral pressure Intertek testing certification in compliance to NFPA 252 (2000), UL 10C (2009), NFPA 252 (2012), CSI CODE 08 90 00 Louvers and Vents</p> <p>Specifications:</p> <ul style="list-style-type: none"> - 18 Gauge cold rolled steel frame and blades - Mitered welded corner frame construction - Divided row "Y" blades spaced at 1" increments with blocked vision design - Counter sunk mounting holes with screws for each side of doors - Minimum door size thickness 1 3/8" - Baked on powder coat finish - Standard Color: Dark Bronze (DB) - Custom colors available, see color chart on page 18 - Free Flow Area: 50% free area - Fasteners: Phillips pan head screw # 8 x 3/4" <p>Notes:</p> <ul style="list-style-type: none"> - Order size equal to opening size, Width x Height - Follow all door manufacturer's instructions for use and installation of all louver products - Optional Insect screen, see price list. <p>* Refer to pricelist for list of fire rated sizes</p>

VLV, Inverted Y-Blade Louvers

ILLUSTRATION	SPECIFICATIONS
 <p>Intertek RECOGNIZED COMPONENT</p>	<p>For use in fire rated door applications under positive and neutral pressure Intertek testing certification in compliance to NFPA 252 (2000), UL 10C (2009), NFPA 252 (2012), CSI CODE 08 90 00 Louvers and Vents</p> <p>Specifications:</p> <ul style="list-style-type: none"> - 18 Gauge cold rolled steel frame and blades - Mitered welded corner frame construction - Reverse "Y" blades are frame supported at 1" increments, with blocked vision design - Single side mounting for non-corridor exposure with fastening screws included - Designed for use on 1 3/4" doors only - Baked on powder coat finish. - Standard Color: Dark Bronze (DB) - Also available in Grey (PR) and Flat Black (FBK) in selected sizes only - Custom colors available, see color chart on page 18 - Free Flow Area: 50% free area - Fasteners: Phillips pan head screw # 8 x 3/4" <p>Notes:</p> <ul style="list-style-type: none"> - Order size equal to opening size, Width x Height - Follow all door manufacturer's instructions for use and installation of all louver products - Optional Insect screen, see price list <p>* Refer to pricelist for list of fire rated sizes</p>

90 Minute Fire-Rated Fusible Link Louvers

FLLV, Adjustable Fusible Link Louvers

Adjustable Fusible Link Louvers are recommended for use in rooms where ventilation is needed and at the same time isolating the room whenever fire is present. When louver is exposed to heat at 165°F, the fusible link trips and the spring loaded louver blades shut to form an air tight fire and smoke seal.

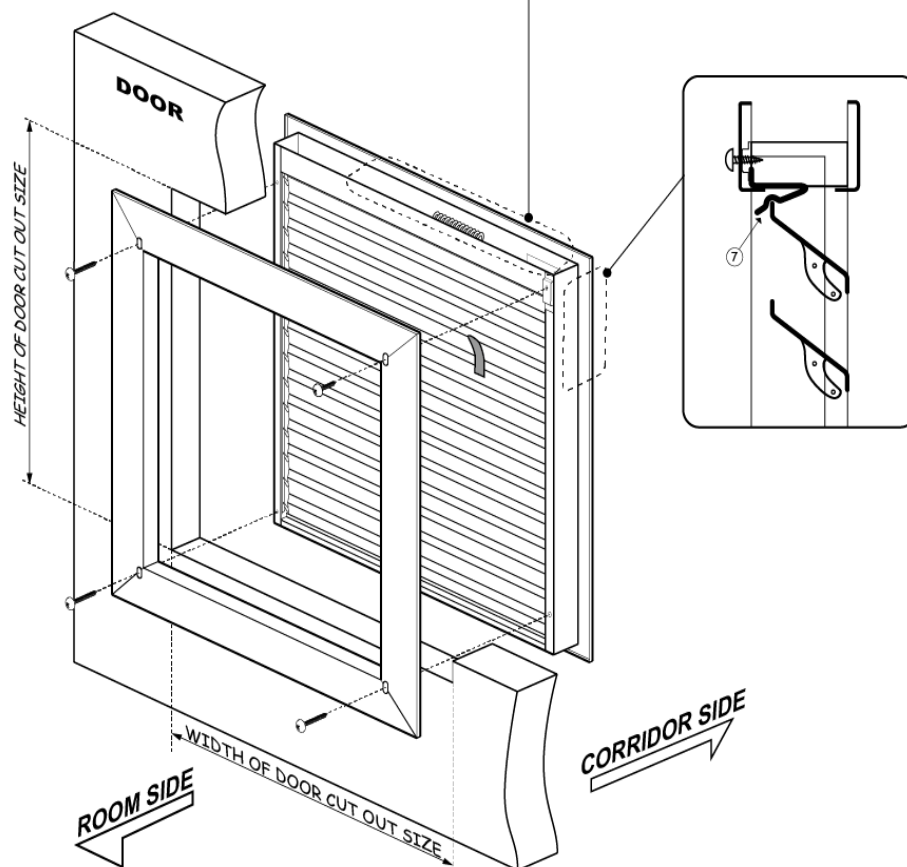
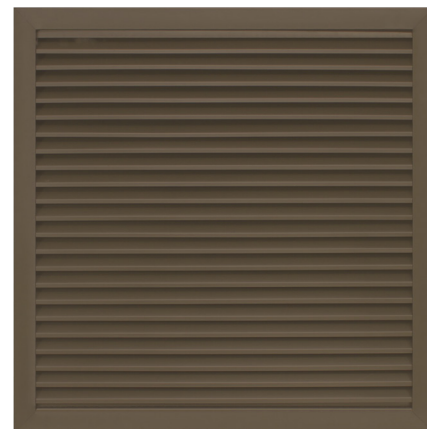
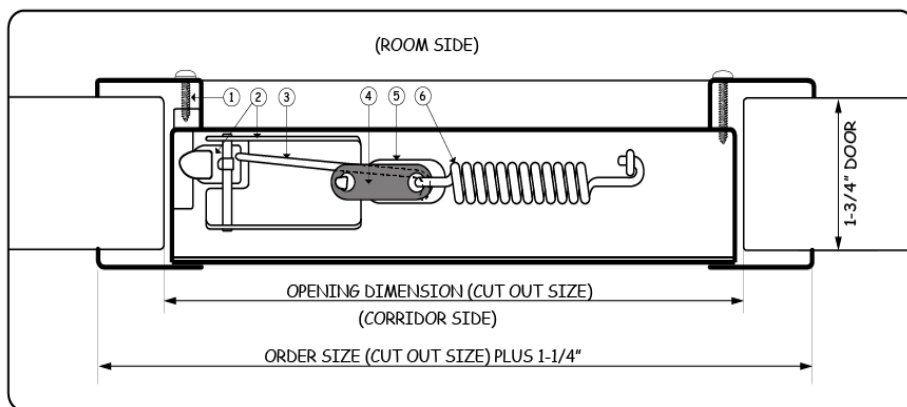
WHI Listing Mark with a 90 Minute Fire Rating is stamped on the frame of the louvers.

Installation is easy. No need to drill holes for fasteners. All screws are mounted on the room side leaving the corridor side free of fasteners for security purposes.

Fuses are replaceable.



Intertek



- ① Mounting Screws - # 8 phillips head (3 x 3/4" LG & 1 x 1/2" LG)
- ② Rocker Arm, Closing Bar and housing
- ③ "S" Hook - .080" Cadmium plated steel
- ④ Fusible link - Design temperature 165° F max
- ⑤ Heat opening - 1/2" x 1"
- ⑥ Tension spring - 3" LG x 1/2" dia x .063" thick Cadmium plated steel.
- ⑦ Flat Spring Clip

Standard Features:

Material: 16 Gauge CRS Frame & Louver Blades

Door: for 1 3/4" Doors only

Fasteners: 3 x 3/4" LG & 1 x 1/2" LG

Color: **Dark Bronze (DB)**

*Custom colors available, see color chart on page 18.

Free Flow Area: 45% free area

Construction:

- Welded & mitered corners
- Adjustable blades of 16-gauge CRS
- Cadmium plated steel rivets & tension spring
- 1 9/16" deep louver assembly
- Optional Insect screens, see price list
- Dimensions are written Width x Height

CUSTOM COLORS AVAILABLE, SEE COLOR CHART ON PAGE 18



U.S. GREEN BUILDING COUNCIL LEED RATING STATEMENT

In accordance with our current records of LEED rating systems for applicability to architectural hollow metal doors and frames, we hereby certify the following:

Applicable LEED Programs and Credits:

- Recycled Content (Cold Rolled Steel)

DKS DOOR SYSTEMS Cold Rolled Steel Product Lines	Post-Consumer Recycled Content*	Pre-Consumer Recycled Content**	Total LEED Recycled Content Percentage
1000/1100/1200/1300/1400/1500/ 1600/1700/1800/1900/2000/6000/ 9000 DOOR SERIES	36.8%	6.6%	40.1%
3000/4000/4500/5000/7000/ 75000-78000 FRAME SERIES	36.8%	6.6%	40.1%

- Recycled Content (Galvanized Steel)

DKS DOOR SYSTEMS Galvanized Product Lines	Post-Consumer Recycled Content*	Pre-Consumer Recycled Content**	Total LEED Recycled Content Percentage
1000/1100/1200/1300/1400/1500/ 1600/1700/1800/1900/2000/6000/ 9000 DOOR SERIES	22.7%	2.4%	23.9%
3000/4000/4500/5000/7000/ 75000-78000 FRAME SERIES	22.7%	2.4%	23.9%

*Recycled content defined in accordance with industry standards.

**Pre-consumer recycled content refers to waste material that is immediately placed back into the production cycle. Waste materials generated by the production of these products are collected and shipped off site where it then reenters the recycle stream.



TERMS and CONDITIONS

1. All published prices of DKS materials are shown at list price subject to discount for DKS approved vendors. All taxes by any governmental agency are in addition to the sale price of the material and are the responsibility of the approved purchasing vendor. All prices are subject to change without notice. Prices given are F.O.B. DKS warehouse at Commerce, California, and does not include freight or special handling services.
2. All orders are subject to availability and may be cancelled by the ordering party within 36 working hours following notification of receipt. All orders are considered individual transactions and must be accompanied by a valid purchase order issued by the customer. A minimum \$75.00 charge will be applied for any changes made to an existing order.
3. Loss or damage of material conveyed to the customer by use of public cartage or carrier is the responsibility of the consignee (customer). Materials must be inspected by the consignee upon delivery and any damage found **MUST BE NOTED** on the Bill of Lading/Proof of Delivery RECEIPT. Filing or notification of freight claims against public conveyance is the obligation of the customer.
4. Return of Merchandise: Claims for shortages and/or incorrectly filled orders must be filed with DKS Steel Door & Frame Systems, Inc. within 10 days of receipt of material. Price adjustments must also be made in writing to DKS within 30 days from receipt of invoice. No returned goods will be accepted without written approval from DKS. Credit will be based upon written authorization by DKS. Such returns must be prominently marked with the return goods authorization number and shipped prepaid. Returns, if approved, are subject to a minimum restocking charge of 20% for unopened stock product and must be received in new material condition. Non stock materials and special orders are not returnable. Under no circumstances will DKS accept liability for incidental or consequential damages. Charge-backs will not be allowed. No cash refund given, exchange or replacement only.
5. Credit terms for all materials invoiced to the customer are 1% discount – 15 days, net 30 days, without hold back or retainage.
6. DKS Material Warranty: DKS doors and frames shall be warranted by manufacturer for a period of one year for all cold rolled prime painted products. Galvanized prime painted products shall be warranted for a period of 10 years. For either product, the warranty begins from date of first delivery from the manufacturer. The warranty is based upon the product being used with the application of hardware for which it was designed and that standard industry recommendations for installation, maintenance, and use are followed; including but not limited to, painting, adjustment, and normal use. This warranty is limited to the replacement or repair at the option of the manufacturer.
7. **AUTHORITY OF TERMS AND CONDITIONS:** The terms mentioned herein are the only terms DKS will honor, and any exceptions must be approved and confirmed by an officer of DKS Steel Door & Frame Systems, Inc. Terms and Conditions of buyer's purchase orders will not be honored unless an agreement is reached in writing beforehand. DKS has the right to refuse credit to anyone, or has the right to refuse to fulfill any orders. No representations, arrangements or agreements not appearing on the order shall be binding upon DKS.

DKS Frame Order Sheet

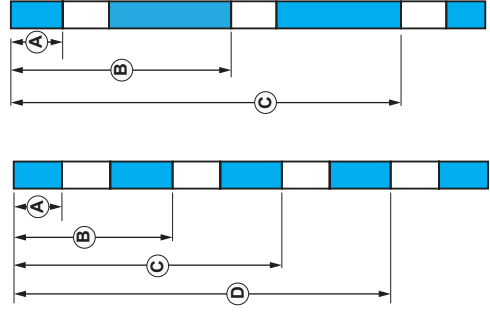
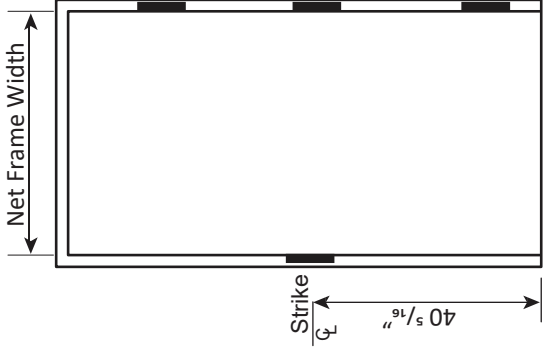
DKS Standard Frame Measurements					
	A	B	C	D	E
3068	7 1/2	37 7/16	67 3/8	-----	40 5/16
3070		39 7/16	71 3/8		
3080		32 15/16	58 1/8	83 7/16	

Strike and Hinge Locations	
DKS	Standard
CU	Curries
CE	Ceco
REP	Old Republic
DE	Dean Steel, Mesker, New Republic
PIO	Pioneer

Series	
M	Masonry (16 Gauge)
D	Drywall
EXP M	Expandable Masonry
EXP D	Expandable Drywall
DE	Double Egress
PIO	Masonry (14 Gauge)

Notes

Fire Rating: 3 Hour = Masonry, Drywall = 90 Min.
 Std Extra Charge: 20, 45, 60, or 90 Min. (Specify)
 Note: Standard Frame Type is Unequal Rabbit



Handing	
LH	LH or RHR
RH	RH or LHR

Hardware Prep	
ASA	ASA 4 7/8" (Standard)
T	T-Strike
DS	Deadbolt Strike
RP	Rim Panic Reinf.
VRP	Vertical Rod Strike
FBF	Flush Bolt Strike
RA	Reg. Arm Closer Reinf.
PA	P. Arm Closer Reinf.

For more options see catalog pages LC3-LC4 in price sheet

Anchors	
WS	Wood Stud
SS	Steel Stud
MAS01	Masonry Wire
SAC5	L-Strap
PDW	P&D Wood
PDM	P&D Masonry

Company Name:		PO #:	Account #:	SO #:								
Ordered By:												
Ship To:												
QTY	Series	Item Number	Jamb Depth	Strike & Hinge Locations	Opening Size (in Feet) (W x H)	Handing	Welded Face (Y/N)	Closer Reinforcement	Anchor	Welded-Anchor (Y/N)	Hardware Prep	Notes
1												
2												
3												
4												
5												
6												

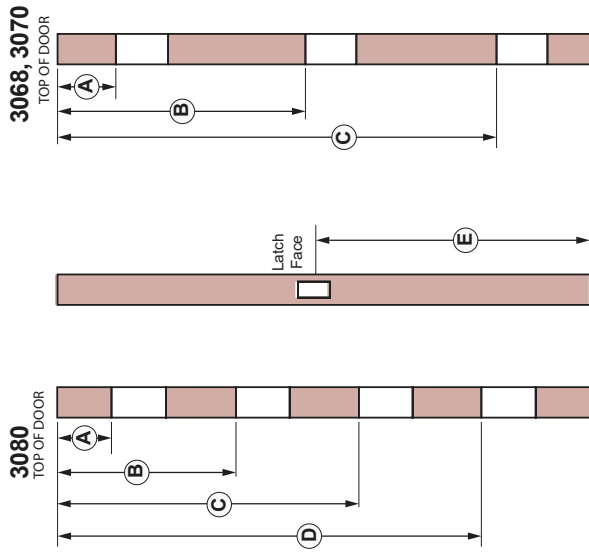
DKS Door Order Sheet

Fire Rated	90 minutes on 1100 and 9000
Std.	3 Hour (Standard)
Extra Charge: 20, 45, 60, or 90 min. (Specify)	

Lock and Hinge Locations	
DKS	Standard
CU	Curries
CE	Ceco
REP	Old Republic
DE	Dean Steel, Mesker, New Republic
PIO	Pioneer

	Series	
1100	Corner Seam	Cores
1300	Steel Stiffened (18 ga.)	Polystyrene
1600	16 ga. Flush	Mineral wool
1700	18 ga. 6 Panel	Polystyrene
1800	18 ga. Flush	Polystyrene
1900	18 ga. 2 Panel	Polystyrene
2000	18 ga. Flush	Honeycomb
6000	18 ga. Double Egress	Honeycomb
9000	18 ga. Temp Rise	Mineral/Pyrophobic

Hardware Prep	
C	161
MB	86
BR	Blank Rim Panic
SVR	Surf. Vert. Rod
IA	Fl. Blt. X ASA
Special Modifications	
LDMOD-9	Dead bolt prep (specify location)
LDMOD-23	Peephole prep (specify location)
LDMOD-11	Weld flat astragal (specify handing)
	Door Cutout
Cutout Size	Cutout Location
	Fire Rated (Y/N)



DKS Standard Door Measurements					
	A	B	C	D	E
3068	7 3/8	37 5/16	67 1/4	-----	-----
3070	7 3/8	39 5/16	71 1/4	-----	39 9/16
3080	7 3/8	32 11/16	58	83 5/16	-----

Company Name : _____ PO # _____ Account # : _____ SO # : _____

Ordered By:		Ship To:						
QTY	Series	Item/Door Number	Door Opening Size (in Feet) (W x H)	Vision Lite Opening Size (in Feet) (W x H)	Lock and Hinge Locations	Hardware Prep	Special Modification	Notes
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								



DKS STEEL DOOR & FRAME SYSTEMS, INC.

2142 S. TUBEWAY AVENUE CITY OF COMMERCE, CA 90040
TEL: (323) 888-7763 ♦ FAX: (323) 888-0063

CREDIT APPLICATION

DATE: _____

Company Name _____

BILLING ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

Shipping Address _____

CITY: _____ **STATE:** _____ **ZIP:** _____

PHONE: _____ **FAX:** _____

Type of Business: _____ **Years at present location:** _____

Type of Organization Private Corporation Partnership Public corporation
 Individual Other _____

Principals		Email address	
NAME	POSITION	HOME ADDRESS	PHONE#

Bank Reference
Bank: _____ Account # _____
Address: _____ Phone # _____

Trade References (Minimum of 3 With fax #)

NAME	ADDRESS	PHONE#	FAX#

Credit Limit Requested _____

NEED MONTHLY STATEMENT: YES NO

In making this application for credit, the customer agrees to pay all invoices within 30 days from date of invoice and to pay a service charge of 1.5% per month, which is an annual percentage rate of 18% on all overdue balances. In the event a suit is necessary to collect any amount, the customer agrees to pay the seller's reasonable attorney fees and costs including attorneys fees for appeal.

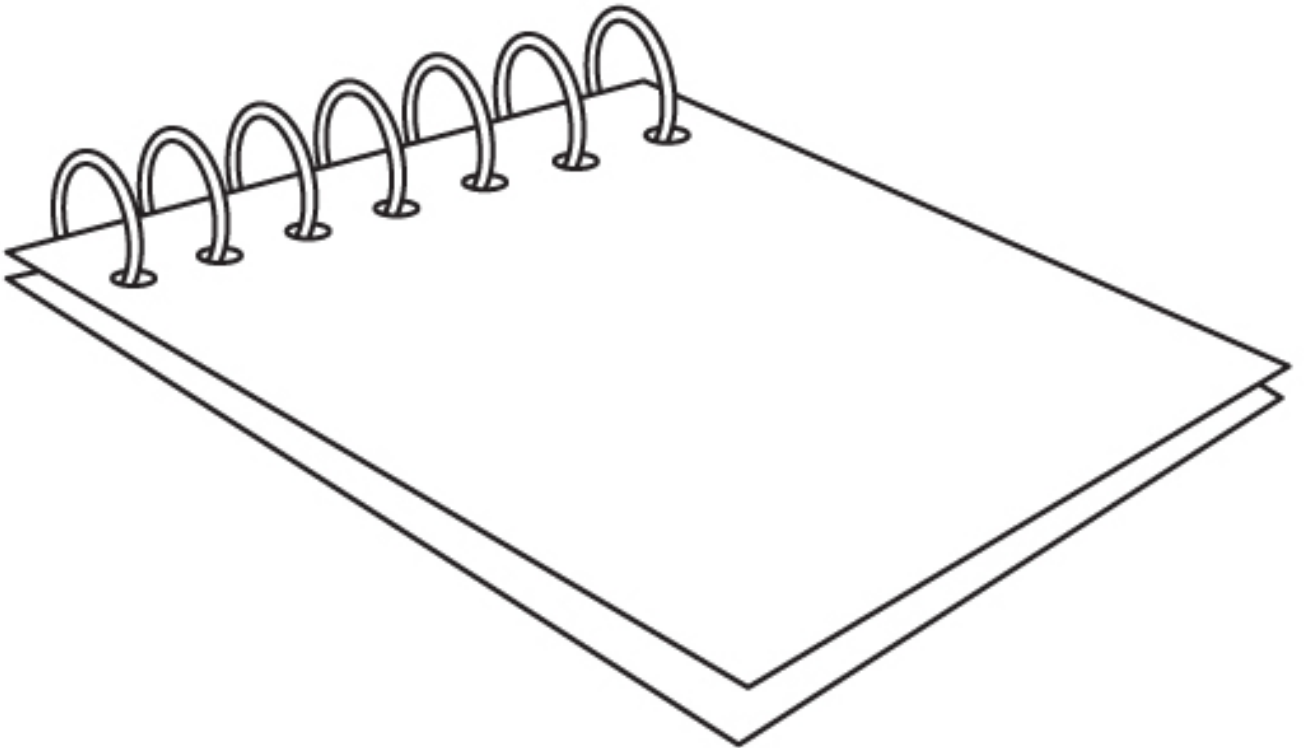
Signature _____ **Title:** _____ **Date:** _____

Office use only

Credit limit \$		Account #	
Date approved:		CR#	
Signature:		Discount:	
Reps Signature		Date	

DKS

MANUFACTURING SPECIFICATIONS





DKS Customers
Interested Parties
State and Local Authorities

Subject: DKS Steel Door and Frames Systems, Inc., ITS / Warnock Hersey Procedural Specification, Certification, and Inspection.

All DKS products are built to specification under Intertek / Warnock Hersey procedural report and manufacturing standard No. 3053378 and as amended November 29, 2004 and June 30, 2006. Materials comply to UL 10 (b) and (c), UBC 7-2 (1997) Part 1, NFPA 252, CAN/ULC S104, ASTM E2074-00 and is in compliance with ANSI 250.4 and ANSI 250.8.

DKS product meets or exceeds all SDI standards and is an affiliate member in good standing of HMMA (Hollow Metal Manufacturers Association) Division of NAAMM (National Association of Architectural Metal Manufacturers).

DKS products are certified by the WHI mark including: Positive Pressure (S) Smoke, and 20 minute to 3 hour fire ratings up to a maximum size of 8'0 X 8'0 in pair applications at 3 hours with polystyrene or honeycomb cores. Available gauges are 16, 18, and 20 gauge cold rolled or A40 hot dipped galvanized materials. The complete list of products and shop services are available from our Commerce, California Warehouse and Distribution facility.

Attached is our "Door Installation" usage guide for all category type "A" doors.

Thank You

DKS Steel Door and Frame Products, Inc.
2142 Tubeway Avenue
Commerce, California 90040-1614

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DKS STEEL DOORS CATEGORY “A”

INTERTEK TESTING SERVICES LISTING REPORT NO. 3053378

DKS STEEL DOOR AND FRAME SYSTEMS, INC.

DOOR INSTALLATION INSTRUCTIONS

Doors described in this procedure meet the requirements for both positive and neutral pressure fire tests, UL10 (c), UBC 7-2 (1997) PART 1, NFPA 252, ASTM EO274-00.

This includes the DKS Series 6000, 9000, 1000, 1100, 1200, 1300, 1400, 1600, 1700, 1800, 1900 and 2000 Series doors as published. These doors are category “A” doors (no additional edge sealing system is required).

This category includes doors which do not require the use of special frames (category C) or add on edge seal systems (category G) to meet positive pressure fire test requirements.

All assemblies are identified by a label or marking bearing the wording “Listed Product”, a time interval temperature rise (if applicable), a serial number, and the Intertek Warnock Hersey certification mark.

Complete statements of positive pressure, smoke and draft control, temperature rise, fire exit hardware application and manufacturing are available in detail in Intertek Testing/Warnock Hersey report no. 3053378.

DKS Steel Door and Frames Systems, Inc.
2142 Tubeway Avenue
Commerce, California 90040-1614
Ph: 323-888-7763

Issued November 29, 2004. Amended additions March 7, 2006



PRODUCT DESCRIPTION

Product Covered:

DKS 1/3 - 3 Hour Steel-Stiffened Steel Fire Doors PP Model 1300 & 1400



Product Description:

CATEGORY “A” DOORS-NO ADDITIONAL EDGE-SEALING REQUIRED

Hollow Metal (12, 14, 16, 18, 20 gauge) Vertical Stiffened, Swinging Flush Design Fire Door for installation singly or pairs, including double egress in 1/3 Hour to 3 Hour locations. For use in listed (3-sided) 16 gauge welded steel frames meeting ANSI-A155.1/UL-63 or as per manufacturer’s listings.

Limitations

Mortise or Cylindrical Latches with up to 5” Backset/Surface or Concealed Vertical Rod, including Top Rod Only/Rim Fire Exit Hardware/Viewers/Surface Mounted Closers/Concealed Closer Arms/Surface Bolts/Surface Mounted Protection Plates/Viewer/Louver/Surface Mounted or Mortised Door Bottoms/Vision Light Kit – Maximum 1296 sq.in. for 20/45 minute (or maximum tested by manufacture of glass) maximum tested by manufacture of glass for 60 minute to 3 hour. Astragal for Pairs and Double Egress Pairs is optional. Temperature Rise greater than 650°F @ 30 minutes.

Configuration	Maximum Size*
Single	4’0” wide x 10’0” high
Pairs	8’0” wide x 10’0” high
Double Egress	8’0” wide x 10’0” high

*See manufacturer’s installation instructions for additional information on Smoke and Draft Control, size restrictions and limitations.

These doors are eligible for use in any “Category C – Standard” frame. These doors may also be installed in frames listed in “Category C – Proprietary” in accordance with the frame manufacturer’s individual listing.

All doors listed in Category “A” are eligible to bear the **(S)** (for Smoke & Draft Control assemblies) if a listed “Category H – Smoke & Draft Control Gasket” has been applied to the assembly. Please refer to Category “H” for individual gasket manufacturer’s listings.

All doors in this category are identified by a label or marking bearing the wording, “Listed Fire Door”, a time interval, a temperature rise rating, a serial number and the Intertek Warnock Hersey Certification Mark and “UBC-7-2-97/UL 10C”.

Attribute	Value
Architecture Code	08100 Metal Doors and Frames
Architecture Subcode	08110 Metal Doors
Authorized by Office	Middleton Regional Certification Center
Certification Services	Certification
Client Number	31931
Criteria	UL 10(c) (1998)
Criteria	UBC 7-2 (1997)
Criteria	NFPA 252 (1999)
Criteria	CAN 4-S104 (1985)
Fire Resistance	60 Min PP Category A Door
Fire Resistance	3 Hour PP Category A Door
Fire Resistance	90 Min PP Category A Door
Fire Resistance	45 Min PP Category A Door
Fire Resistance	20 Min w/Hose Positive Pressure
Intertek Evaluation Center	Middleton, WI 53562
Listed or Inspected Program	LISTED WHI Certification
Report Number	3079045

MANUFACTURING INFORMATION

APPLICATION

Category “A” doors constructed as described in this procedure meet the requirements for both positive and neutral pressure fire tests, UBC 7-2 (1997), UL 10C (1998), NFPA 252 (1999), ASTM E2074 (2000), and CAN S104 (1985) including the hose stream.

Doors labeled for positive pressure applications must include installation instructions to be furnished by the door labeler. Unless otherwise noted in the door’s installation instructions all intumescent materials and smoke/draft control gasketing used in the assembly are to be installed per their respective manufacturer’s instructions.

These non-temperature rise doors have been fire tested at positive pressure in accordance with UBC 7-2 (1997). Unexposed temperature rise is greater than 6500 in 30 minutes.

SIZE

TYPE	Max Width	Max Height	Max Thickness
Single Swing	4’0”	10’0”	1 ¾”
Standard Pair	8’0” (4’0” Per Leaf)	10’0”	1 ¾”
Double Egress	8’0” (4’0” Per Leaf)	10’0”	1 ¾”

FACES

- 20 gauge (0.032”), 18 gauge (0.042”) 16 gauge (0.053”)
- 14 gauge (0.067”) and 12 gauge (0.093”)

CORE

- Fiberglass insulation 1.5 lb. cu/ft, 1 5/8” thick, filling cavities, except those necessary for concealed hardware.

STIFFENERS

- 22 gauge vertical hat or half hat shaped stiffeners, full-length of the door, not exceeding 6” O.C. 7 ½” maximum from either hinge or latch edge. Spot welded 2 ¼” in. from each end and then approximately 4” O.C. full length.
- Stiffeners may be shortened to accommodate closer reinforcement and mortise hardware.

TOP AND BOTTOM CHANNELS

16 gauge (0.053”) full depth and width of door spot welded to door faces approximately 4” O.C.

Additional channels may be placed in the top and bottom channels for moisture barrier. May be caulked with silicone.

HINGE REINFORCEMENT

10” long x 1 ¼” wide x 7 gauge. Spot or tack welded.



LOCK REINFORCEMENTS

Standard

Lock: 2 reinforcements positioned to accommodate lock assembly 2 ½" in length x 1 ⅛" in width x 12 gauge spot or tack welded.

Alternate

Lock: Reinforcement positioned to accommodate lock assembly. 14 gauge extruded to 12 gauge spot or tack welded.

STRIKE REINFORCEMENTS

Standard

2 reinforcements positioned to accommodate strike 2 ½" in length x 1 ⅛" in width x 12 gauge spot or tack welded.

Alternate

Reinforcement positioned to accommodate lock assembly. 14 gauge extruded to 12 gauge stop or tack welded.

CLOSER REINFORCEMENTS

Reinforcement positioned to accommodate closer. Minimum 14 gauge x 4" x 16" minimum.

FLUSH BOLT REINFORCEMENTS

Standard

2 reinforcements positioned to accommodate flush bolt assembly. 2 ½" in length x 1 ⅛" in width x 12 gauge spot or tack welded.

Alternate

Reinforcement positioned to accommodate flush bolt assembly. 14 gauge extruded to 12 gauge spot or tack welded.

HARDWARE

Latches

All latching devices used must be listed for use in positive pressure tested steel faced doors.

Cylindrical locks with a maximum 5" backset.

Mortise latches.

Rim and Concealed or Surface mounted vertical rod fire exit devices.

NOTE:

All doors provided with reinforcements for fire exit hardware must have a second label attached stating "Fire Door to be Equipped with Fire Exit Hardware".



MINIMUM LATCH BOLT THROW

Single Swing Door

42" wide x 86" high or less, minimum ½ bolt throw.

Doors exceeding 42" wide x 86" high, minimum ¾" latch throw.

Pairs

All doors swinging in pairs or double egress pairs, minimum ¾" latch throw.

Note

All door labels must identify the minimum latch bolt throw.

HINGES

Only listed fire rated mortised, surface applied or continuous hinges can be used, similar to Cal-Royal, McKinney, Dorma or Rixon.

BOLTS

Only listed fire rated mortised or surface applied bolts can be used.

CLOSERS

Only listed fire rated surface applied or mortised closers may be used.

OTHER HARDWARE

Any other listed fire rated hardware that has been tested and approved for hollow metal doors may be mounted into these doors.

ASTRAGALS

An astragal is not required on pairs of doors or double egress pairs up to and including 3 hour fire doors. Astragals can be applied or integral.

VISION LIGHT KIT

Factory installed Glass Molding.

Any listed fire rated vision light kits that are positive pressure tested and labeled such as Anemostat or Air Louvers may be used.

MAXIMUM CLEAR VIEW GLASS SIZE

20 minute and 45 minute ratings – 54" x 54" not exceeding 1296 square inches or maximum tested by glass manufacturer.

1 ½ hour – 100 square inches maximum

Minimum stiles and top rail is 6" and minimum bottom rail is 10" at 20 minutes, 45 minutes, 1 and 1 ½ hour rating.

The light cut-out shall be reinforced around the perimeter with minimum 18 gauge steel channels.

Multiple openings are allowed when the sum of the areas do not exceed the tested area.



LOUVERS

Only listed fire rated louvers with fusible links shall be used. Maximum size allowed is 24" x 24" in lower ½ of door.

The louver cut-out shall be reinforced around the perimeter with minimum 18 gauge steel channels.

VIEWERS

Listed viewers with maximum bore diameter of 1" or less allowed.

AUTOMATIC DOOR BOTTOMS

Listed surface or mortise automatic door bottoms allowed.

PROTECTIVE PLATES

Maximum 16 ga. steel armored plates may be added to the door. The maximum size is 36" wide and 46" high.

INSTALLATION INSTRUCTIONS

Installation instructions shall be packaged with each door shipped or may be included in the submittal process.

CERTIFICATION LABEL

Fire-rated Door, the Intertek Warnock Hersey® certification label may be applied within the top 1/3 of hinge edge.

The certification label shall be applied with rivet screw-type or mylar label.

Exception: When a continuous type hinge is applied to the door, the WH certification label shall be attached to the top of the Door.

REQUIRED ITEMS:

- Warnock Hersey Certification Mark® with Country Identifiers
- The word "LISTED"
- The product category "FIRE-RATED DOOR"
- Fire Protection Rating
- Temperature Rise exceed 650 in 30 minutes
- Serial Number
- Control Number or Listee's Name
- The words "DO NOT REMOVE OR COVER THIS LABEL"
- The words "SEE INSTALLATION INSTRUCTIONS"

OTHER ITEMS:

- POSITIVE PRESSURE statement:

If the door is to be labeled for positive pressure, the following is required.

Required: The words "MEETS UBC 7-2-97 / UL 10C" or "MEETS UBC7-2-97" or "MEETS UL 10C"

Identify: "CAT. A" or "CAT. B"

Optional: "POSITIVE PRESSURE"

- SMOKE AND DRAFT CONTROL statement:

Required: The label shall provide the required positive pressure statements (see positive pressure requirements above).

The S mark: The words "SMOKE AND DRAFT CONTROL RATING REQUIRE A LISTED GASKET."

Optional: The words "SMOKE LEAKAGE < 3 cfm/ft² per UL 1784"



PRODUCT DESCRIPTION



Product Covered:

DKS Series 1000, 1100,1200, 1600, 1700, 1800, 1900 3-Hour Polystyrene Core Steel Fire Door

Product Description:

FIRE DOORS – POSITIVE PRESSURE CATEGORY A NO ADDITIONAL EDGE-SEALING SYSTEM REQUIRED

PRODUCT COVERED

Series 1000, 1100,1200,1600, 1700, 1800, 1900 Fire Door

PRODUCT DESCRIPTION

Foam Filled Steel Fire Doors for installation Singly or in Pairs in 3 hour positive pressure assemblies, with temperature rise greater than 650°F at 30 minutes.

Limitations

Maximum Sizes

Single Swing

- 45 mm (1.75 inches) Minimum Thickness
- 1208 mm (48 inches) Maximum Width
- 2416 mm (96 inches) Maximum Height

Pairs

- 45 mm (1.75 inches) Minimum Thickness
- 2416 mm (96 inches) (each leaf:1208 mm (48 inches)) Maximum Width
- 2416 mm (96 inches) Maximum Height

Vision Panels maximum 1296 sq. inches for 20 and 45 minute locations; 100 sq inches for 60 and 90 Minute locations. Glazing kit for light kits requires use of minimum 18 ga. Steel channel reinforcement attached to both faces around the vision panel cutout.

Evaluated to the following...

This category includes doors evaluated without an edge-sealing system between the door and the frame. It also includes doors evaluated with a sealing system incorporated (concealed or visible) into the edge of the door by the licensed manufacturer or machining distributor.

Meeting edges of pairs may require an astragal or an edge-sealing system. Please refer to individual door listings.



These doors are eligible for use in any “Category C – Standard” frame. These doors may also be installed in frames listed in “Category C – Proprietary” in accordance with the frame manufacturer’s individual listing.

All doors listed in Category “A” are eligible to bear the **(S)**(for Smoke & Draft Control assemblies) if a listed “Category H – Smoke & Draft Control Gasket” has been applied to the assembly. Please refer to Category “H” for individual gasket manufacturer’s listings.

All doors in this category are identified by a label or marking bearing the wording, “Listed Fire Door”, a time interval, a temperature rise rating, a serial number and the Warnock Hersey Certification Mark and “UBC-7-2-97/UL 10C”

Attribute	Value
Architecture Code	08100 Metal Doors and Frames
Fire Resistance	3 Hour Neutral Pressure
Fire Resistance	3 Hour PP Category A Door
Swing	Single Swing
Swing	Standard Pairs
Listed or Inspected	LISTED
Report Number	3053378 & 3071125
Criteria	ASTM E152-81a
Criteria	UL 10(c) (1998)
Criteria	UBC 7-2 (1997)
Criteria	UBC 7-2 (1994)
Criteria	UL 10(b) (1997)
Criteria	ASTM E2074 (2000)
Criteria	NFPA 252 (2003)
Criteria	CAN / ULC S104 1980 R1985
Temperature Rise	@ 30 Min > 650°F
Intertek Services	Certification

MANUFACTURING INFORMATION

APPLICATION

Doors constructed as described in this procedure meet the requirements for both positive and neutral pressure fire tests, UL 10(c) (1988), UL 10(b) (1997), UBC 7-2 (1997) Part 1, UBC 7-2 (1994), NFPA 252 (2003), ASTM E2074 (2000), ASTM E152-81a, and CAN/ULC-S104 1980 R1985.

These doors are Category “A” doors (no additional edge sealing system is required).

Doors labeled for positive pressure applications must include installation instructions to be furnished by the door labeler. Unless otherwise noted in the door’s installation instructions all intumescent materials and smoke/draft control gasketing used in the assembly are to be installed per their respective manufacturer’s instructions.

SIZE LIMITATIONS

Single Swing	48” wide by 96” high
Pair	96” wide by 96” high
Minimum Thickness	1 3/4” ± 1/16”



COMPONENTS

CORE(S)

Polystyrene foam core with a density of 13.3 kg/m³ (0.83 pounds per cubic foot) (See diagrams)

Material: 1.0 pcf nominal density of EPS foam slab

Polystyrene Foam Core	Working Temp. (Flammability) = -20°C to 60°C
	Soundproof = 35 db
	Density = 17.7 kgs/m ³
	Compressive Strength = 67.8 kpa min
	Tensile Strength = 122.7 kpa min
	Voids (visual) = none
	Fusion = Styrene Bead Structure

Honeycomb Core	Thickness = 43mm ± 0.5mm
	Cell Diameter = 18mm
	Weight = 180 g/m ²
	Compressive Strength = 4.5 kgs/cm ²
	Proportion = 28 kgs/m ³
	Moisture Content = £10%

ISO Foam Core	Isocyanate
	Solid Content = >75%
	PH value = 4-7
	Viscosity = 1000-10,000 MPAS
	Gumming Quantity = 200-400 g/m ³
	Working Temperature = -30°C to 200°C
	Adhesive Strength = 3 MPA

SKINS

- Faces form door edges (stiles)
- Face edge bent with a leg of 22.5mm + 0mm / -0.5mm (0.886 in. + 0 in. / -0.020 in.) with a 14mm (0.55 in.) return

Material: Mild steel, or galvanized mild steel

Gauge: 1200 Series – 20 gauge
 1600 Series – 16 gauge
 1800 Series – 18 gauge

Seams:

- Option 1: Tack Welded – 22mm (1 in.) on center, seam in center of door edge
- Option 2: Lap Seam Construction – Seam at edge of door, tack welded
 100mm (4 in.) on center
- Option 3: Lock Seam Construction – Tack welded lock seam on each side at
 100mm (4 in.) on center

END CHANNEL (FOAM CORE)

- Top: 16 gauge, inverted, spot welded to skins, no holes
- Bottom: 16 gauge with 0.71 in. vent holes every 6 inches along length



END CHANNEL (HONEYCOMB CORE)

- 1.5 mm (16 gauge – 0.060 in.) thick galvanized steel
- C-Shaped with 20 mm (0.785 in.) legs by 42 mm (1.654 in.) web by full width of door
- Spot welded to faces 13 mm (0.50 in.) from ends and 50 mm (2.00 in) on center

LIGHT CLOSURE CHANNEL

- Refer to Drawing

HINGE REINFORCEMENTS

- 4mm (8 gauge – 0.164 in.) thick galvanized steel by 205 mm (8.00 in.) long by 32 mm (1.25 in.) wide
- Attached to face edges with a two spot-welds on each end (one on each tab)

CLOSER REINFORCEMENTS

- 3 mm (12 gauge – 0.108 in.) thick by 200 mm (8 in.) wide by 380 mm (15 in.) long galvanized steel
- Two (2) plates – with one plate spot welded to each face

LATCH REINFORCEMENTS

- 2 mm (14 gauge – 0.075 in.) galvanized steel spot welded to faces
- Reinforcements located per hardware requirements

ASTRAGAL

- 20 gauge (1mm) door edge with 19mm (3/4 in.) astragal projection

ADHESIVES

- 3M Fastbond 30-NE/30H-NF
- 3M Fastbond 49
- 3M Scotch-Grip High Performance Contact
- Adhesive 1357; 1357 Neutral, 1357-L

PRIMER PAINT

COMPOSITION INFORMATION	WATER BASE		POWDER COAT	
	COMPONENT A	COMPONENT B	COMPOSITION INFORMATION	COMPONENT
Water-based resin film-forming substance	40%-60%	50% - 70%	Epoxy Resin	33%
Pigments and Fillers	20% - 30%	----	Polyester Resin	33%
Organic Solvent (VOCs)	3% - 5%	3% - 5%	Titanium Dioxide	15%
Agents	2% - 3%	5% - 10%	Auxiliary agent	1%
Deionized water	8% - 20%	8% - 20%	Precipitated Barium Sulfate pigment	18%
PH Value	8 - 9	8 - 9	PH Value	Weakly basic
Viscosity	1500-5000 mPa.s	500-1000 mPa.s	Melting Point	120°C

CONSTRUCTION DETAILS

1. Faces are cut to length and width
2. Edges are formed on both faces of door
3. Reinforcements for hinges, latches, and closers are welded to faces
4. Foam Core adhered to faces with isocyanite adhesive (formula shown in drawing 1)
5. Top face is slid into place on bottom face
6. Ends welded to faces
7. Faces welded together with welds 50 mm (2.00 inches) on center
8. All welds ground and finished smooth
9. Door painted
10. Label applied



DKS 45 Min Single Leaf Steel Glazed Door

PRODUCT DESCRIPTION

Fire Resistant Products & Components
Category A-Doors - No Additional edge-sealing system required

PRODUCTS COVERED

DKS steel Door and Frame Systems, Inc. DKS Min Single Leaf Steel Glazed Door
Door Model: 1000, 1100, 1200, 1600, 1700, 1800, 1900 & SP1900

PRODUCT ADDITIONAL DESCRIPTION

The door leaf is glazed with nominal 5 mm thick listed glass panel. 10 mm wide by 2 mm thick fire-rated glazing tapes is required around the perimeter of glazing on both side of the glazing such that it is approved for fire-rated duration equal to or greater than the respective glazing product it is used with.

Maximum Door Leaf size: 1214 mm wide x 2426 mm high
Maximum Glazing size*: 1802 mm wide x 887 mm high, 1.60 sq. m area
Maximum Visible size*: 1778 mm wide x 863 mm high, 1.53 sq. m area
Minimum Bite: 12.7 mm
Minimum distance between glazed and door edges: 279 mm for top and bottom, 130.5 mm for left and right.

*Note: Listed glazing size and visible size restrictions as per glazing manufacturer's instructions must be applied.

HARDWARE LIMITATIONS

Listed Mortise Lock / Cylindrical Lock with minimum latch bolt throw of 1/2".
Minimum one single point standard latching on the leaf.

Configuration	Maximum Size
Single Swing	- 1214 mm wide x 2426 mm high

Standard Pairs - Not allowed.

Double Egress - Not allowed.

This door is eligible for use with DKS - 45 Min Steel Door Frame.

The door noted above is eligible to bear the "S" (for Smoke & Draft Control assemblies) if a listed "Category H - Smoke & Draft Control Gasket" has been applied to the assembly. Please refer to Category H for individual gasket manufacturer's listings.

The product noted above has been tested and qualified per UL 10B, UL10C, NFPA 252 and CAN / ULC S104 for a 45 Minutes Positive Pressure Fire Rating.



DKS 45 Min Single Leaf Steel Glazed Door

Attribute	Value
Criteria	CAN / ULC S104 (2015) (R2020)
Criteria	UL 10(b) (2008) (R2020)
Criteria	UL 10(c) (2016) Ed. 3 (R:27 May 2021)
Criteria	NFPA 252 (2022)
CSI Code	08 10 00 Doors and Frames
Fire Resistance	45 Min PP Category A Door
Intertek Services	Certification
Listed or Inspected	LISTED
Listing Section	CATEGORY A - DOORS - NO ADDITIONAL EDGE-SEALING SYSTEM REQUIRED
Report Number	Project Number: 221221001SHF-001 (July 4, 2023)
Spec ID	76633
Swing	Single Swing
Verification Testing	No

DKS 45 Min Steel Door Frame

PRODUCT DESCRIPTION

Frame type: Steel CATEGORY C - PROPRIETARY FRAMES

DOOR FRAMES

Fixed steel CATEGORY C - PROPRIETARY FRAMES for installation in 45 Min masonry or aerated concrete wall openings.

PRODUCT COVERED

DKS Steel Door and Frame Systems, Inc. - DKS 45 Min Steel Door Frame

Model: 4000, 4100, 4500

For use with DKS 45 Min Single Leaf Steel Glazed Door (Door Model: 1000, 1100, 1200, 1600, 1700, 1800, 1900, SP1900).

Type of wall for use with: Aerated concrete wall or Masonry wall

Frame stop: 16 mm high at header and jamb edges

Overall Frame Size (Single Swing):

Maximum Width: 1321 mm

Maximum Height: 2489 mm

Minimum Depth: 146 mm

Maximum Door Leaf Size (single swing):

Maximum Width: 1214 mm

Maximum Height: 2426 mm

Standard Pairs - Not allowed.

Double Egress - Not allowed.

Steel Door Frame is cement mortar grouted and mounted to light concrete block by four T-shape anchors at each vertical side.

Frames Evaluated to the Following:

Unless otherwise noted, assemblies in this section have been tested to the following standards:

CAN/ULC S104, Standard Method for Fire Tests of Door Assemblies;

NFPA-252, Standard Methods of Fire Tests of Door Assemblies;

UL-10B, Standard for Fire Tests of Door Assemblies;

UL-10C, Standard for Positive Pressure Fire Tests of Door Assemblies;

and are installed, unless otherwise noted, in accordance with the following:

NFPA-80, Standard for Fire Doors and Other Opening Protectives;

Manufacturer's Installation Instructions;



All frames are identified by either a label or embossed marking bearing the wording “Fire Door Frame” and the Intertek WH Certification Mark. Frames rated for less than 3 hours also bear the time interval.

Attribute	Value
Criteria	CAN / ULC S104 (2015) (R2020)
Criteria	UL 10(b) (2008) (R2020)
Criteria	UL 10(c) (2016) Ed. 3 (R:27 May 2021)
Criteria	NFPA 252 (2022)
CSI Code	08 11 00 Metal Doors and Frames
Intertek Services	Certification
Listed or Inspected	LISTED
Listing Section	DOOR FRAMES
Report Number	Project Number: 221221001SHF-001 (July 4, 2023)
Spec ID	76620
Swing	Single Swing
Verification Testing	No