CRL SMOKE BAFFLES FOR 1/2" GLASS

STANDARD SYSTEM INCLUDES
B5B SERIES ALUMINUM BASE SHOE
GR5PV VINYL CAP RAIL INSERT
RC12100 ROLL IN VINYL
STEEL ALLOY BLACK OXIDE PINNING SCREWS
RIGID NYLON GROMMETS
SHEET METAL CLADDING (OPTIONAL)

*ORAL CLAD FINISHES*
MILL ALUMINUM
BRUSHED STAINLESS STEEL CLADDING
POLISHED STAINLESS STEEL CLADDING
SATIN BRASS CLADDING
POLISHED BRASS CLADDING
DARK BRONZE CLADDING
SATIN ANODIZED CLADDING

* FOR FABRICATING ALMOST INVISIBLE SMOKE CURTAINS FROM 1/2" GLASS.
* GLASS IS MECHANICALLY SECURED WITH FASTENERS AND GROMMETS.
* CUSTOM DRILLING, MITERING AND CUTTING SERVICES ARE AVAILABLE.
* AVAILABLE IN 1/2" AND 20' STOCK LENGTHS CUSTOM FABRICATED TO SIZE.

B5B SERIES CRL SMOKE BAFFLE SYSTEMS
CRL SMOKE BATTLE SYSTEMS ARE DESIGNED TO PROVIDE AN ALMOST INVISIBLE 1/2" TEMPERED GLASS SMOKE CURTAIN. MANY OF TODAY'S FIRE CODE REQUIRE LARGE OFFICE OR RETAIL AREAS TO BE BROKEN DOWN INTO SMALLER, MORE MANAGEABLE AREAS THAT CAN BE MONITORED BY SMOKE DETECTORS. THIS IS THE SPECIFIC APPLICATION FOR SMOKE BATTLES OR CURTAINS. SMOKE CURTAINS WORK TO RETAIN SMOKE IN A SPECIFIED AREA OF A SPECIFIED SQUARE FOOTAGE. SOME SMOKE CURTAIN SYSTEMS ACTIVELY BY A SMOKE ALARM, SO SECTIONING OFF AREAS THROUGH THE USE OF SMOKE CURTAINS CAN PREVENT UNNECESSARY SPRINKLER ACTIVATION.

1 1/2"

1/2" NET GLASS SIZE
15/16"

1 9/16"
CRL SMOKE BAFFLES FOR 3/4" GLASS
SB200 CRL-BLUMCRAFT SMOKE BAFFLE SYSTEMS

CRL SMOKE BAFFLES ARE DESIGNED TO PROVIDE AN ALMOST INVISIBLE 1/2" TEMPERED GLASS SMOKE CURTAIN. MANY OF TODAY'S FIRE CODES REQUIRE LARGE OFFICES OR RETAIL AREAS TO BE SEPARATED INTO SMALLER, MORE MANAGEABLE AREAS THAT CAN BE MONITORED BY SMOKE DETECTORS. THIS IS THE SPECIFIC APPLICATION FOR SMOKE BAFFLES OR CURTAINS. SMOKE CURTAINS WORK TO RETAIN SMOKE IN A SPECIFIC AREA OF A SPECIFIED SQUARE FOOTAGE. SOME SPRINKLER SYSTEMS ARE ACTIVATED BY A SMOKE ALARM, SO SECTIONING OFF AREAS THROUGH THE USE OF SMOKE CURTAIN CAN PREVENT UNNECESSARY SPRINKLER ACTIVATION.

* FOR FABRICATING ALMOST INVISIBLE SMOKE CURTAINS FROM 1/2" GLASS.
* GLASS IS MECHANICALLY SECURED WITH FASTENERS AND GROMMETS, THEN BONDED WITH Kwikset Expansion Cement.
* CUSTOM DRILLING, MITERING AND CUTTING SERVICES ARE AVAILABLE.
* FACTORY CONTROLLED BONDING OF GLASS IS ALSO AVAILABLE.

CRL SMOKE BAFFLES FOR 3/4" GLASS

OPTIONAL CLAD FINISHES
- CLEAR ANODIZED
- SATIN ANODIZED
- DARK BRONZE ANODIZED

SB200 STANDARD SYSTEM INCLUDES
- SB200 TWO PIECE ALUMINUM BASE/ INSERT CHANNEL
- FS307 SNAP IN INSERTS
- STEEL ALLOY GLASS PINS/RIGID GROMMETS/BUSSING
- SUB CHANNEL MOUNTING SCREWS
- CLADDING OPTIONAL

SB200 CRL-BLUMCRAFT SMOKE BAFFLE FOR 1/2" GLASS - ELEVATION

TYPICAL FLAT POLISHED VERTICAL GLASS EDGE

TYPICAL 1/2" BUTT JOINT IN GLASS

SB200 CRL-BLUMCRAFT SMOKE BAFFLE FOR 1/2" GLASS - REFLECTED CEILING PLAN

CRL SMOKE BAFFLES FOR 3/4" GLASS
CRL B5B SERIES SMOKE BAFFLE FOR 1/2" GLASS

SECTION DETAIL AT SMOKE BAFFLE
FOR 1/2" GLASS (EXPOSED OPTION) 1

CRL B5B SERIES SMOKE BAFFLE FOR 1/2" GLASS

SECTION DETAIL AT SMOKE BAFFLE
FOR 1/2" GLASS (RECESSED OPTION) 1A
CRL B7B SERIES SMOKE BAFFLE FOR 3/4" GLASS

SECTION DETAIL AT SMOKE BAFFLE FOR 3/4" GLASS (EXPOSED OPTION)

SECTION DETAIL AT SMOKE BAFFLE FOR 3/4" GLASS (RECESSED OPTION)
BLUMCRAFT SB200 SMOKE BAFFLE FOR 1/2" GLASS

SECTION DETAIL AT SB200 SMOKE BAFFLE FOR 1/2" GLASS

1/2" FLAT HEAD MOUNTING BOLT (NOT INCLUDED)

DRILLED AND COUNTERSUNK FOR 1/2-13 FLAT HEAD AT 12" O.C.

1/2" HOLE IN GLASS REQUIRED

STEEL SPRING PIN #600A697 AT 12" O.C. (INCLUDED)

ALUM BUSHING 23A770 WITH NEOPRENE BUSHING DECK (INCLUDED)

KWO-5 QUICK SET EXPANSION CEMENT TO BE INSTALLED BY CERTIFIED GLAZING CONTRACTOR OR BY CRL FACTORY

NOTE: GLASS MUST BE BONDED TO INSERT CHANNEL BEFORE INSTALLING GLASS INTO PLACE

1/4"-20 X 3/4" SOCKET HEAD CAP SCREW AT 8" O.C.

FS307 INSERTS INCLUDED

1/4" THICK FULLY TEMPERED GLASS WITH POLISHED BOTTOM AND VERTICAL EDGES, SECURELY BONDED INTO ALUM BASE INSERT

USE SB200 BASE AS A TEMPLATE FOR HOLES LOCATIONS. USE PERMANENT LOC-TITE ON MOUNTING SCREWS

SB200 TWO PIECE ALUM BASE FURNISHED WITH PRE-DRILL COUNTERSUNK THRU HOLES AT 12" O.C. FOR 1/2" FLAT HEAD MOUNTING BOLTS

SMOKE BAFFLE SYSTEMS FOR 1/2" AND 3/4" GLASS

C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2503 E. Vernon Avenue, Los Angeles, C.A. 90058-1897
PH (800) - 421 - 6144 FX: 800-587-7501
www.crlaurence.com

Revisions By:

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CRL B7B SERIES SMOKE BAFFLE FOR 3/4" GLASS
BLUMCRAFT SB200 SMOKE BAFFLE FOR 1/2" GLASS

REFLECTED CEILING DETAIL AT JAMB

REFLECTED CEILING DETAIL AT GLASS JOINT

REFLECTED CEILING DETAIL AT OUTSIDE 90

REFLECTED CEILING DETAIL AT INSIDE 90