

Construction Solutions

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**DBX1000M Recessed Vent
Receptacle
Installation Guidelines &
Product Information for
1 HR FIRE WALL**

DBX1000M (4" & 6" sizes)
Installation Instructions
for
1 HOUR FIRE WALL

THE **DBX 1000M**, 4" & 6", ARE CONSTRUCTED OF A 22 GAUGE METAL DRYER VENT BOX THAT HAS MEASUREMENTS OF:

12 ½" WIDE X 19 ½" LENGTH (outside measurements of flanges)

Instructions

The **DBX1000M** must have the **3M Interam Endothermic Mat** installed onto the entire back, top and bottom and backsides of the DBX1000M to meet a 1 hour **F** & 1 hour **T** rating. This rating is now required for a UL 1 hour through penetration fire stop systems.

The E-mat is to be adhered to the back of the box with a "high" strength, fast, contact type adhesive.

The size of the **3M Interam Endothermic Mat** needed is:

	<u>4" DBX1000M</u>	<u>6" DBX1000M</u>
Sides	3.5" x 17.0"	5.0" x 17.0"
Top & Bottom	3.5" x 10.8"	5.0" x 10.8"
Back	10.8" x 17.8"	10.8" x 17.8"

Interam Aluminum Tape is to be placed along the seams of the 3M Interam Endothermic Mat to make sure it is properly sealed.

Install the **DBX1000M** with the **3M Interam Endothermic Mat** attached into the 2x6 framed wall.

Install box so bottom inside edge is 2 inches above the unfinished floor to allow clearance between trim ring and finished floor covering.

Attach box directly to stud with 3 flange screw holes and bottom plate with 3 flange screw holes. Screws are recommended for mounting.

Allow minimum of 4 inches of vent pipe to extend into box. Use Fire Barrier CP + Water Based Caulk where the vent pipe meets the dryer vent box to seal the dryer vent pipe and any openings to the **DBX1000M**.

1 Hour fire rated Gypsum board is to be installed directly over the front of the **DBX1000M** flanges. Insert knife or router into the inside of the **DBX1000M**, following the inner flange, cut away the drywall leaving the inside measurements of the box to be 10" wide X 17" in length.

Snap **DBX1000M** trim ring to complete installation.