

MARKETING BULLETIN

REPAIRING DAMAGE/DEFECTS IN A 2-HOUR AREA SEPARATION WALL SYSTEM

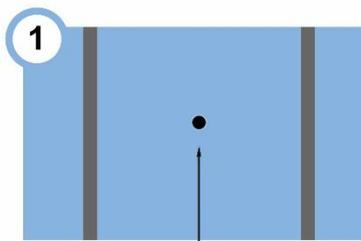
The 2-hour fire rated Area Separation Wall System was developed over 50 years ago as a way to economically protect from fire two (2) separate units in apartments, townhomes, condominiums and duplexes. At times during the installation of the ASW system, mistakes are made or damage occurs to this assembly - and for that reason American Gypsum performed a 2-hour full scale fire test per ASTM E119, with repairs to defects in this wall system. NOTE - only American Gypsum's 1" M-Bloc Shaft Liner and 1" M-Glass Shaft Liner panels are approved for use in fire test report - WFCi 19046.

Below you will find one of the defects that was built into American Gypsum's Area Separation Wall System (UL U375), and how to successfully repair it in the field to ensure that the 2-hour fire rating is preserved.

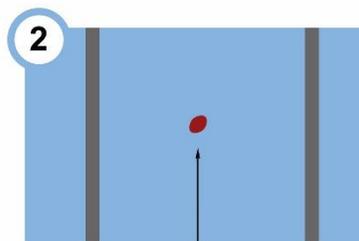
DAMAGE OR DEFECT:	1" HOLE THROUGH SHAFT LINER PANELS
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ISSUE: Once the ASW System is installed, a hole up to 1" in size can occur through the 1" Shaft Liner panel(s), which voids the 2-hour fire rating.

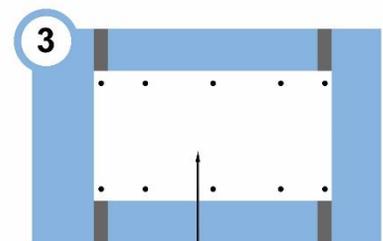
- REPAIR:**
- ❖ Fill the entire hole or penetration with 3M Fire Barrier Sealant CP 25 WB+ fire caulk
 - ❖ Center a piece of 5/8" FireBloc Type X wallboard over the hole or penetration. (minimum 12" in height by cavity width). Apply fire caulk to back of the drywall patch (form of a "X")
 - ❖ Attach corners of the wallboard patch to metal H-studs with 1-1/4" drywall screws
 - ❖ Along top and bottom edges of the wallboard patch, secure it to the Shaft Liner panel with 1-1/2" Type G laminating screws, spaced 6" o/c
 - ❖ Apply fire caulk around the perimeter of the wallboard patch
 - ❖ If the hole or penetration occurs through both pieces of the 1" Shaft Liner, duplicate the wallboard patch on both sides of the wall



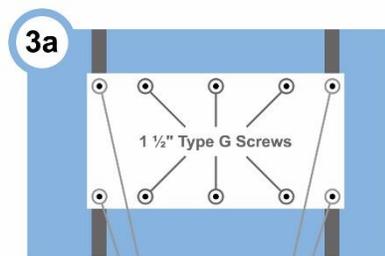
1" hole penetrates both layers of Shaft Liner panels



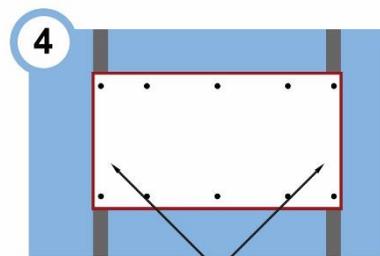
Fill entire hole with 3M Fire Barrier Sealant CP 25WB+ fire caulk



Center a piece of 5/8" FireBloc Type X wallboard over the filled hole and secure with screws



1 1/4" Drywall Screws



Apply 3M Fire Barrier Sealant CP 25WB+ fire caulk to the perimeter of the drywall patch

THE PRODUCTS YOU NEED FROM THOSE YOU TRUST

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