

MARKETING BULLETIN

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

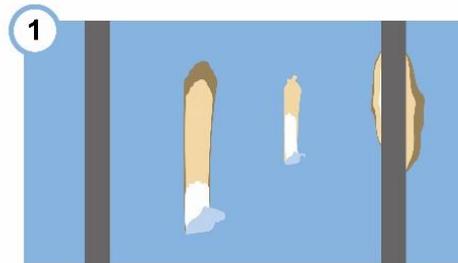
The 2-hour fire rated Area Separation Wall System was developed over 50 years ago as a way to economically protect from fire two (2) separate units in apartments, townhomes, condominiums and duplexes. At times during the installation of the ASW system, mistakes are made or damage occurs to this assembly - 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:	DENTS/DINGS/SCRAPES TO FACE OF SHAFT LINER PANELS
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ISSUE: Either during or after the ASW System is installed, it is not unusual that the face paper or glass mat fabric of the 1" Shaft Liner panels can sustain dents, dings or is scraped or torn.

- REPAIR:**
- ❖ The purpose of the face paper or glass mat fabric surrounding the 1" Shaft Liner panel is to hold the gypsum slurry together during the manufacturing process
 - ❖ And during a fire or fire testing, the face paper or glass mat fabric burns off within the first few minutes
 - ❖ The depth of the "dents & dings" inflicted on the 1" Shaft Liner panel for the purposes of the full scale fire test for this report, varied between 1/4" to 3/8".
 - ❖ There is no repair required to the dents, dings or scraped or torn paper or fabric of a 1" Shaft Liner panel to maintain the 2-hour fire rating of this system



Ripped, torn or scrapped Shaft Liner panel face paper

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