



Steelcraft Manufacturing
9017 Blue Ash Road
Cincinnati, OH 45242

6-10-16

Subject: Field repair of un-used holes and/or dents in Steelcraft fire rated doors & frames

To whom it may concern,

For repair/filling of holes in fire rated hollow metal doors, NFPA 80 contains direction for accomplishing that. This is from NFPA 80.5.5.7 (2013):

5.5.7 When holes are left in a door or frame due to changes or removal of hardware or plant-ons, the holes shall be repaired by the following methods:

- (1) Install steel fasteners that completely fill the holes
- (2) Fill the screw or bolt holes with the same material as the door or frame

Based on that, using a screw - or weld - to fill the hole, then grinding smooth are acceptable means of repair for those holes. In addition, the use of Bondo-type filler is approved for the repair of dents and creases in fire rated hollow metal doors and frames. This is from HMMA-840 TN02-10, **Maintenance of Installed Hollow Metal Products**, Paragraph 8 Dents:

...For fire rated openings, pending acceptance of the local authority having Jurisdiction, dents in the door faces measuring no greater than 1/8 in. in depth and less than 14 inches in length can be filled with industrial automotive body filler provided that no fracturing of the door face or corrosion is present. If corrosion or fracturing of the door faces is visible on a fire rated door, replacement of the door leaf is recommended.

Supported by this information, Steelcraft fire rated doors and frames may be repaired by one of, or a combination of, the methods referenced above, as always subject to the acceptance of the authority having jurisdiction. If you have any questions or concerns about this, please contact me.

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