

Technical Bulletin

Place a copy of this bulletin in the front of each Blueprints Manual.
 Redline drawings as needed and include a TB reference note.
 Reference TB implementation on site Action Item Box-chart and/or
 site tool history management log.

Number: 106
Date Issued: 06/07/16
Expiration Date: n/a

Subject/Key Words:	Mini-environment Cracked Door Corners		
Classification:	<input checked="" type="checkbox"/> Informational	<input type="checkbox"/> Mandatory	<input checked="" type="checkbox"/> Safety Alert
	<input type="checkbox"/> Warranty Impact	<input type="checkbox"/> Purchase Parts	<input type="checkbox"/> PM Impact
Applicable Akrion Procedures:	None		
	<input type="checkbox"/> No Charge For Parts expires ___ / ___ / ___. Reference this TB# when ordering NC parts.		

Issue: Single pane HuntAir/Synetics upper clear or smoked plastic mini-environment door corner joints can crack open.

Symptoms: Can include a drop in particle performance, chemical fume migration, broken/nonfunctioning doors, and chemical condensation buildup along the cracked area including the outer surfaces of the door/enclosure.

Solution: Two viable solutions have been identified.
Good: Use a PVC cement to bond the window frame corner.
Example: VC1 Vinyl Cement

Best: Plastic weld the window frame corners to create a solid corner and eliminate door flex.
Example: PVC weld rod, black.



Example of welded joint repair

If you have technical questions or require more information, please contact Akrion Systems Technical Support Department via e-mail at techsupport@akrionsystems.com. Authorized service personnel can obtain copies of the latest Akrion Systems procedures and controlled documents from the Akrion Systems Document Control department at doccontrol@akrionsystems.com. Customers must direct all inquires to their local Akrion Systems field service representative. (Form QA1656F1AC)