

Mine Safety & Health Administration
Approval & Certification Center
Engineering & Testing Division

Inspection information for VENTECH E-Z Stall Stopping

(Revised 10/00)

This stopping system uses foam panels that are cut to size and sealant to construct a ventilation stopping.

- 1) The foam panels must be solidly positioned in the opening.
 - a. Cap wedges or scraps of the panel may be used to position the panel in place.
 - b. All foam panel scraps must be removed and taken out of the mine after installation because they are not coated with the sealant.
 - c. Panels may be butted or overlapped.
- 2) The only acceptable sealants that can be used are either Sandvik MTA/SMS or Cisco Redi Seal. The sealant **MUST** cover the entire panel **ON BOTH SIDES** including all shims and wedges.
 - a. The sealant thickness must be at least 1/8" in all areas.
 - b. The sealant should be thoroughly dry and hard after about 3 to 4 weeks after application. If not, the sealant may have be "thinned" with water which is not acceptable.
 - c. There must be no exposed foam panel surface showing after the sealant has been applied.
 - d. The sealant must be liberally used around the edges to seal the foam panel to the coal or other perimeter surfaces.
- 3) Look for:
 - a. Soft sealant that is over 3 to 4 weeks old.
 - b. Cracks or voids in existing sealant.
 - c. Evidence of spalling or failure of sealant to adhere to the foam panel
 - d. Openings or voids around the perimeter of the stopping.
 - e. Panels that aren't properly overlapped or butted.
 - f. Presence of sealant **ON BOTH SIDES** of the stopping.