

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

Inspection information for FOSROC, TEK PANEL Stopping

(Revised 10/00)

This stopping system uses foam panels that are **pre-coated** with a wire mesh and sealant to construct a ventilation stopping.

- 1) The foam panels must be solidly positioned in the opening.
 - a. Cap wedges are used to position the panel in place.
 - b. Fiberglass mesh tape and Fosroc Airtite Trowelgrade sealant is used to seal the seams on both sides of the stopping.
 - c. All exposed foam material on both sides must be coated with the sealant.
 - d. The foam material has an ASTM -162 flame spread rate of less than 25.
- 2) The only acceptable sealant that can be used is Fosroc "Airtite Trowel Grade." The sealant must coat all exposed foam and wedges.
 - a. The sealant thickness must be at least 1/8" in all required areas.
 - b. There must be no exposed foam panel surface showing after the sealant has been applied.
 - c. The sealant must be liberally used around the edges to seal the 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 and panels.
 - c. Evidence of spalling or failure of sealant to adhere to the panels
 - d. Openings or voids around the perimeter of the stopping.
 - e. Panels that aren't properly aligned.
 - f. Presence of sealant ON BOTH SIDES of the stopping where required.