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

Inspection Information for FOSROC SQUAB Stopping
(Revised 5/25/00)

This stopping system uses carbon steel wire mesh fabric (screen), fastening hardware, wood framing and seam lumber (both optional) and sealant to construct a ventilation stopping.

1) The framing lumber (when used) must be securely positioned around the opening.
   a. The framing lumber must be tightly fastened to the strata using the hardware specified in the attached instruction chart.
   b. The framing lumber is then coated with Airtite-XTC sealant to a minimum thickness of 1/4".
   c. Only FOSROC Airtite-XTC sealant can be used.

2) When framing lumber is not used, the screening fabric is attached directly to the perimeter strata.
   a. The screening fabric is attached using fasteners and methods specified in the attached chart.

3) The screening fabric is applied to the framing lumber or perimeter strata.
   a. The screening fabric is fastened to the framing or strata by the hardware specified in the attached chart.
   b. All fabric seams are over-lapped and fastened together by hardware specified in the attached chart.

4) The FOSROC Airtite XTC sealant MUST be applied (sprayed) over the entire stopping, BOTH SIDES, at a minimum thickness of ½", including all framing and seam fastenings.
   a. The sealant thickness must be at least ½" in all areas.
   b. The sealant should be throughly dry and hard after about 3 to 4 weeks after application.
   c. There must be no exposed fabric or framing surface showing after the sealant has been applied.
   d. The sealant must be liberally applied around the edges to seal the framing and fabric to the coal or other perimeter surfaces.