

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 1/2", including all framing and seam fastenings.
 - a. The sealant thickness must be at least 1/2" in all areas.
 - b. The sealant should be thoroughly 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.