

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

**Inspection information for TENSAR (Sandvik) Gridstop Stopping**  
(Revised 10/00)

This stopping system uses a biaxial grid composite (fabric), framing lumber (optional), fastening hardware and sealant to construct a ventilation stopping. Based upon the air pressure, framing lumber may, or may not be used. Tensar recommends that the framing lumber not be used in air pressures of 5" of water and over, unless the framing is secured by fastenings, and not wedges.

- 1) The framing lumber (when used) must be securely positioned around the opening.
  - a. The framing lumber must be tightly fastened to the surfaces using cap wedges or screws/bolts (air pressures >5" water).
  - b. The framing is then coated with Sandvik GSA-T or GSA-S sealant to a minimum thickness of 1/4".
  - c. Only Sandvik GSA-T or GSA-S sealant can be used.
- 2) When framing lumber is not used, the fabric is attached directly to the coal or the other perimeter surfaces.
  - a. The fabric is attached using fasteners, usually bolts, on eight inch spacings
- 3) Sandvik GC1200 fabric is applied to the framing or coal (and other perimeter surfaces).
  - a. The GC1200 fabric is nailed to the coated framing lumber (when used) or bolted directly to the coal..
  - b. All fabric seams are over-lapped and fastened together by wire, "Dynastick Self Adhesive Hangers" or plastic cable ties.
- 4) The Sandvik sealant MUST be applied over the entire stopping, BOTH SIDES, at a minimum thickness of 1/4", including all shims, wedges and seam fastenings.
  - a. The sealant thickness must be at least 1/4" 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 fabric or framing surface showing after the sealant has been applied.
  - d. The sealant must be liberally used around the edges to seal the framing and fabric to the coal or other perimeter surfaces.