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

Inspection Information for Rohmac Steel Stoppings
(4/01)

This stopping system uses a folded steel panel system that is "opened" like a book with panels that extend into the roof to secure it in place. Any air leakage in the stopping may sealed with Clayton U2-200FR sealant (KW tape under the sealant is optional) or any MSHA suitable sealant.

1. The ribs and roof must be prepared according to Rohmac "KWIC-WALL" Stopping Instructions. In general, ribs, floor and roof should be as straight as possible.

   The steel panel system is brought folded into the area to be installed. It is set on edge and "opened." Generally, the "pointed" side of the stopping, is the high pressure side.

   The extension panels are then expanded by use of a KW Jack to vertically pressure them against the roof. Once extended, set-screws are used to hold the panel in place, thereby securing the stopping. .

   The perimeter is sealed with the Clayton U2-200FR sealant or any MSHA suitable sealant. Openings larger than 2" may be sealed using KW Filler Blocks coated with sealant, or any other traditional method..

   Sealant is always applied on the high pressure side. Both sides is optional.

   Perimeter sealant must extend onto the roof and onto the steel panel for at least 4 inches.

2. Look for:
   - Secure and firm contact of the expanded panels against the roof.
   - Unsealed openings in the stopping.
   - Cracks or voids in the existing sealant
   - Evidence of spalling or failure of sealant to adhere to the stopping.
   - Openings or voids around the perimeter of the stopping