

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

Inspection Information for Kennedy Steel Stoppings
(revised 9/19/01)

This stopping system uses telescoping steel panels and angles with wire ties (twist clamps), lap-over clamps and Kennedy MP-568 sealant to construct the stopping.

1. The ribs must be prepared in accordance with the Kennedy Steel Stopping Instruction Manual. In general, openings between the rib and steel panels should not exceed 2". Steel side extensions are used when this space exceeds 2".
 - A steel rib angle (s) is installed horizontally across the opening to be sealed.
 - The telescoping steel panels are then set vertically against the horizontal rib angle, side - by-side and secured to the rib angle with twist clamps.
 - Any rib openings larger than 2" are sealed using steel side extensions and head seals.
 - Kennedy MP-568 sealant 1/4" thick (with optional Kennedy tape) is used to make the stopping air tight by sealing all openings between panels, panels and ribs, floor and roof on the high pressure side.
 - Coal Mine Safety and Health, Safety Division, allows the use of RHH VERSI-FOAM, or any other MSHA suitable foam sealant on this stopping.
 - The head seals on the top of the panel must be coated on the high pressure side - with the sealant extending onto the roof.

2. Look for:
 - Openings between the vertical panels or panels and ribs/roof/floor.
 - Cracks or voids in the existing sealant
 - Evidence of spalling or failure of sealant to adhere to the panels.
 - Openings or voids around the perimeter of the stopping