

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

**Inspection Information for SUPERBLOCK, ASH BLOCK
and OMEGA Lightweight Block Stoppings**

(Revised 1/03)

These stoppings are constructed in the same manner as any traditional dry stacked block stoppings. None have been accepted with mortared joints.

- 1) These are traditional style blocks except:
 - a. They are available in different lengths and heights..
 - b. None have been accepted using mortared joints in lieu of dry stacking.

2) The following are the dry stacked requirements for each block stopping:

	Sealant	Joint Coating Width (Manufacturer's Recommendation)	Full Face Coating (Optional)	Sealant Thickness	Remarks (MSHA Comment)
Ashblock	Any MSHA listed strength enhancing sealant	3" to 4" Both sides of Stopping	yes-both sides	1/8" minimum	Any MSHA listed silicate or portland cement based strength enhancing sealant can be used
Superblock	Pyro-Chem TC or Pyro-Chem Pro seal HT	4" to 5" Both sides of Stopping	yes-one side (high pressure)	1/8" minimum	Any MSHA listed silicate or portland cement based strength enhancing sealant can be used
Omega	Bur-L-Bond or Rite-Wall or B-Bond Grade A or B or Eagle "O" Grade	6" Both sides of Stopping	yes-both sides	per sealant instructions	Any MSHA listed silicate or portland cement based strength enhancing sealant can be used

- 3) Look for:
 - a. Cracks or voids in existing sealant or block.
 - b. Evidence of spalling or failure of sealant to adhere to the block.
 - c. Openings or voids around the perimeter of the stopping.