

**MINE SAFETY AND HEALTH ADMINISTRATION
APPROVAL AND CERTIFICATION CENTER**

LIST OF SUITABLE VENTILATION CONTROLS (STOPPINGS & OVERCASTS) WITH SUITABILITY NUMBERS

Revision Date: June 2012

Manufacturer	Trade Name	Stopping Material	Sealant * (see below)	Suitability Number
Fly-Lite		Light Weight Blocks, dry-stacked	Eagle Seal "Air-Floated"	ST12/00
Fly-Lite		Light Weight Blocks, dry-stacked (6" min thick)	Any MSHA silicate based Suitable Sealant	ST12/01
AERCON (was Matrix ; BABB)		Light Weight Blocks (8" min.), mortared	none	ST16/00
AERCON (was Matrix ; BABB)		Light Weight Blocks, dry-stacked	KCG, INC Magnum Products "Brattiskote"	ST16/01
AERCON (was Matrix ; BABB)		Light Weight Blocks, dry-stacked	Fosroc "Airtite Trowel Grade"	ST16/02
AERCON (was Matrix ; BABB)		Light Weight Blocks (6" min.), mortared	Quikrete "Redi-Seal Mine Sealant"	ST16/03
AERCON (was Matrix ; BABB)		Light Weight Blocks (6" min.), mortared	none	ST16/04
AERCON (was Matrix ; BABB)		Light Weight Blocks (8" min.), mortared	Quikrete "Redi-Seal Mine Sealant"	ST16/05
AERCON (was Matrix ; BABB)		Light Weight Blocks (6" min.), mortared	Quikrete "BlocBond"	ST16/06
Rohmac, Inc.	Kwic-Wall	Steel panels	Clayton U2-200FR	ST18/00

Manufacturer	Trade Name	Stopping Material	Sealant * (see below)	Suitability Number
Aerated Concrete Systems	ACCO	Light Weight Block (8" min.) mortared	Elite (ACCO) thinbed	ST20/00
Aerated Concrete Systems	ACCO	Light Weight Block (8" min.)	Eagle Seal "Air-Floated"	ST20/01
Aerated Concrete Systems	ACCO	Light Weight Block (6" min.)	Elite (ACCO) thinbed or Quikrete "Redi-Seal Mine Sealant"	ST20/02
Babb International, Inc		Lightweight Block - flat or tongue & groove (6" min. thick)	Eagle Seal Mine Sealant or any silicate based MSHA Suitable Sealant	ST22/00
Babb International, Inc		Lightweight Block - flat or tongue & groove (6" min. thick)	Eagle Seal Mine Sealant or any silicate based MSHA Suitable Sealant	ST22/01
Peerless Block & Brick		Lightweight Block (7" thick min.)	Pyro Chem TC, Proseal HT or any other silicate base MSHA Suitable Sealant	ST24/00
Convenience Products		Standard 6" wide (min.) Hollow Core or Solid Concrete Block	Convenience Products: "Touch n' Seal Mine Block Mortar" (MBM)** (see below)	ST25/00
Promat		PROMAT-H Panels	Steel Supports	ST27/00
Xella	AAC2 Block	Lightweight Block - Tongue & Groove (6" min. thick)	Joint Mortar Convenience Products – Touch' n Seal Mine Block Mortar" MSHA #ST25/0 (MBM)** (see below)	ST30/00

Manufacturer	Trade Name	Stopping Material	Sealant * (see below)	Suitability Number
Xella	AAC2 or AAC4 Block	Lightweight Block - Flat or Tongue & Groove (6" min. thick)	Eagle Seal Mine Sealant or any silicate based MSHA Suitable Sealant	ST30/01
Xella	AAC2 Block	Lightweight Block - Flat or Tongue & Groove (6" min. thick)	Xella Thin Bed Mortar	ST30/02
Precision Mine Repair	PRECISION 3D panel	Gunite and steel mesh over foam core	1½ inch Gunite	ST31
Strata Mine Services	EPS foam panel	Gunite and steel mesh over foam core	1½ inch Gunite	ST33
RJ Temper	RJ Temper Overcast	TEKNITE over expanded steel & steel channel	TEKNITE (only)	ST34
GMS Mine Repair & Maintenance	GMS Steel Overcast	Modular steel overcast	Touch'N Seal Mine Foam MSHA-S17/02	ST35

Notes:

* If a silicate based sealant is listed, then any MSHA Suitable silicate based sealant can be used per manufacturer's instructions. If a Portland cement based sealant is listed, then any MSHA Suitable Portland cement based sealant can be used per manufacturer's instructions.

** Evaluated as a block mortar only, not to be used as suitable mine sealant.

Contact David Creamer at 304-547-2085 for further information. Contact David Creamer at 304-547-2085 for further information.