

Innovative Solutions

SkillPro offer advanced and innovative solutions to your explosion protection needs.

- A new type of stone dust barrier has been developed by CSIR (South Africa) and marketed in Australia, New Zealand and the UK by SkillPro Services Pty Ltd
- Tested extensively in South Africa (Kloppersbos), Germany (Tremonia) and the USA (Lake Lynn)
- Proven to be at least as effective as traditional stone dust barrier at lower cost and greater flexibility – requires lower threshold pressure to operate
- Can be used in a number of different configurations including a fixed distributed barrier suggested for use in longwall gateroads – guidelines have been developed for their design, installation and maintenance



- A bag barrier consists of an array of specially made plastic bags holding 6kg of stone dust
- Plastic bag is designed to shred easily under explosion pressure to disperse dust
- Plastic hook and ring arrangement used to seal and hang bag from the mine roof
- Provides protection against moisture to prevent caking and allowing ease of installation
- Easy visual inspection and repair of barrier
- Great flexibility to handle obstructions such as vent ducting, monorails and conveyor belts and easy installation



SkillPro also provide extensive consulting services in explosion protection system design

SkillPro Services Pty Ltd

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SkillPro Technical Excellence

Issue 14, Mar 2009