



ROCKSEAL SYSTEM PERFORMANCE

The use of the small air operated pump makes an enormous difference to the system efficiency. The pressure at the nozzle means that a long lance can be used to provide extra reach whilst still maintaining a good spray from the nozzle.

The benefit of a long spray nozzle is two-fold in that, firstly all spraying can be done with the operator standing on the floor with no scaffolding required and, secondly, unsupported areas could be sealed with the operator standing in a safe place. Sealing of freshly blasted ends are able to be done immediately after making the area safe and a typical end can easily be sealed in **less than 10 minutes**.

The **ROCKSEAL** ensures total area coverage with the formulation which then shows the sprayed product as a **BLUE** film on the rock or substrate.

Application thickness is targeted to be from 0.5mm to 1.5mm but this is not always easy to maintain particularly when spraying very uneven surfaces which requires spraying from various angles to ensure complete cover. Setting time is slightly variable depending on temperature, humidity and thickness but the film is generally dry to the touch in 20 to 30 minutes.

ROCKSEAL was designed purely as a sealant with the objective of reducing moisture ingress or egress into the Kimberlite. Tests and subsequent production use have proven its ability to do this. Practice has also shown that it has a positive influence on the bonding of shotcrete applied over it as a permanent support.