



PORTABLE COMPRESSOR APPLICATION

SOIL STABILIZATION

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This month's feature application is using portable air compressors in soil stabilization.

Soil nailing is a construction technique that can be used as a remedial measure to treat unstable natural soil slopes. The technique involves the insertion of reinforcing elements into the slope. Solid bars are usually installed into pre-drilled holes and then grouted



into place using a separate grout line, whereas hollow bars may be drilled and grouted simultaneously by using a sacrificial drill bit and by pumping grout down the hollow bar as drilling progresses.

Soil stabilization typically requires a portable air compressor delivering between 750-900 cfm. This provides enough pressure to drill nail and reinforce the wall with shotcrete.

Contact your authorized Sullair distributor to learn more about this application.