

# Areal Coverage

New Concept Mining manufactures and supplies a wide range of areal coverage systems including various mesh products. All products are manufactured according to strict quality standards to ensure they meet industry safety requirements. Stringent testing of the weld integrity is performed to maximise the strength of the final product and all mesh sheets are flush-cut smooth to reduce any risk of injury to operators during handling.

## Welded Mesh™

**Welded Mesh** can be used for permanent areal coverage in any excavation in mines. The mesh can be fitted between roofbolts, or other support, to further consolidate the excavation and prevent the fallout of smaller rocks between support. This further improves safety underground for mining crews and also provides protection to machinery. Welded mesh is provided in either Ø4.0mm wire or Ø5.6mm wire.

5.6 X 5.6

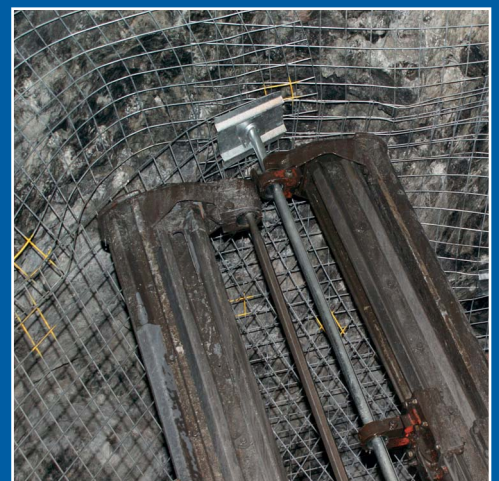
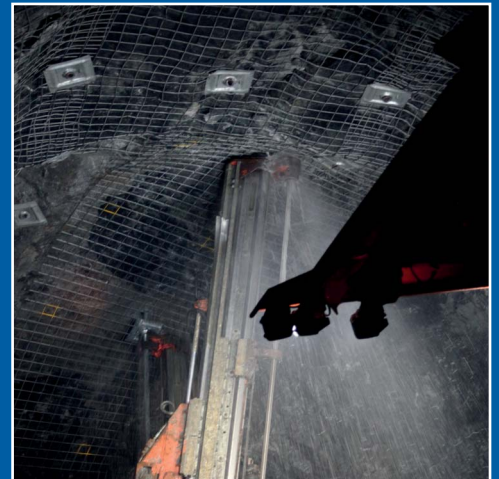
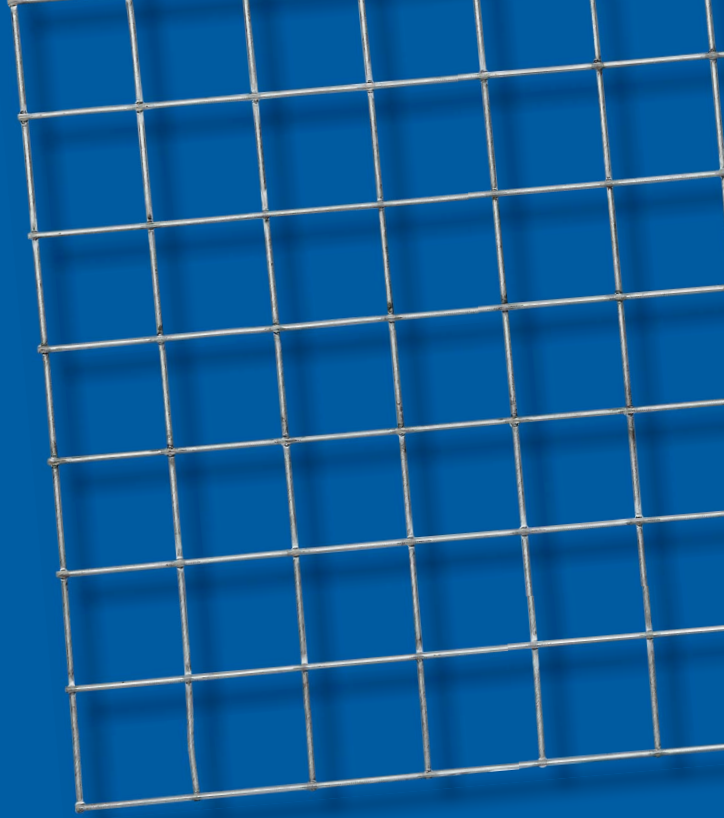
4 X 4

## 3D Mesh™

**3D Mesh** is similar to Welded Mesh except that it has Ø4.0mm diameter wire running in one direction and Ø5.6mm wire in the other. This patented combination provides the strength of the Ø5.6mm wire and the flexibility of the Ø4.0mm wire. The flexibility built in to the completed sheet or roll allows the mesh to be more easily adapted to the shape of the hanging wall during installation, resulting in a flush installation whilst maintaining a higher load capacity than a standard Ø4.0mm sheet. The overall weight of the mesh is also less than the standard Ø5.6mm sheet.

5.6 X 4

	STRENGTH	WEIGHT	FLEXIBILITY
Ø4.0mm Mesh	●○○	●○○	●●●●
Ø5.6mm Mesh	●●●●	●●●●	●○○
3D Mesh	●●●○	●●●○	●●●○



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Patents Apply ©New Concept Mining 2018



## New Concept Mining

PO Box 125000, Alrode 1451  
109 Adcock Ingram Avenue, Aeroton, South Africa  
Fax 011 494 1060  
Tel 011 494 6000  
enquiries@ncm.co.za  
www.ncm.co.za

