

Durapak® cellular lightweight concrete blocks, reinforced with annealed steel wire mesh and polypropylene fibres, are engineered for optimal gully protection.

MAIN AREAS OF APPLICATION

- Where pillar size reduction or removal is considered
- Deep level, highly stressed and seismically active ground
- Shaft pillar extraction and remnant mining
- Deep level gully support
- Integrated with backfill for use on gullies
- Substitute for backfill - in up-dip mining
- All fire risk areas.

DURAPAK® DESIGN

Durapak® unit: Weight 13kg
 Dimensions 60cm x 30cm x 10cm (rise)

Pack Size	Maximum Pack Height (m)	Units per Layer (m)	Static Yield Load (kN)	Dynamic Yield Load (kN)
0.6 x 0.6	1.5	2	500	900
0.6 x 0.9	1.5	3	750	1150
0.6 x 1.2	1.5	4	1000	1500
0.9 x 0.9	2.3	4	1000	1500
0.9 x 1.2	2.3	6	1500	2000

Note: All pack sizes and maximum heights indicated are suitable for rockburst prone areas. In non-seismic active areas, the maximum pack height can be increased depending on stoping conditions.

