

Technical Data Sheet

Diamond Grit Tile Drill

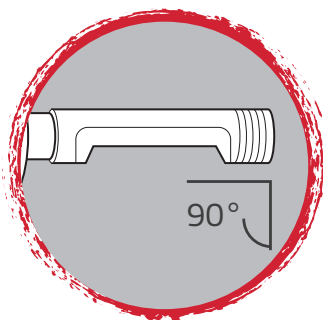
OPERATING INSTRUCTIONS

Should be water cooled at all times. Best method is a constant stream using Armeg's water feed kit (PTCWFKIT).

Can be used 'dry' by dipping the rotating drill in cold water before commencing drilling. This should be repeated during the drilling of thicker tiles. However, this method of drilling will diminish the life of the product when compared to the constant flow of water provided by the Armeg Water Feed Kit (PTCWFKIT) or the drip-feed of the Armeg Diamond Grit Water Feed Unit (DGTDWF5-35).

Leaning in Method

Drilling should commence with drill rotating at 1200-2000 rpm and held at 45 degrees to the tile surface. When a score has been formed on the surface of the tile, the drill can gradually be brought up perpendicular to the tile surface.



It is recommended to employ a slight "rocking" motion whilst drilling. This helps with cooling and dust removal.

RECOMMENDED DRILLING SPEED

Drill Size	Recommended RPM
5mm	1500-2000
6-12mm	2000-2500
15-25mm	1500-2000
30-35mm	1000-1500



TECH TIP!

Diamond Grit Tile Drills can be used dry but this gives very limited life in hard tiles meaning they perform at their best when used wet

MATERIAL RECOMMENDATIONS

Plaster-backed wall tiles	●	Granite	●
Ceramic	●	Quarry Tiles	●
Natural Slate	●	Porcelain	●
Travertine	●		
Marble	●		

● Very suitable

TECHNICAL ICONS



Wear hand protection



Water or suitable coolant should always be used



Wear eye protection



Wear hearing protection



Wear a face mask



No impact / percussion should be used



When used with relevant adaptor and 3 jaw chuck, no impact



Use in fixed drilling machine



Use in portable drilling machine