

PG750 Tile Drilling User Instructions
PG750 Anleitung zum Fliesenbohren



2 English



Congratulations on buying a Marcris PG750 Tile Drilling Kit. Please read the following information carefully before use.



List of Contents

PG750 Tile Drills

Ø 6, 8, 10mm

Water spray bottle

Suction operated steel
drilling guide

Safety



Ensure all machine safety instructions are followed as per manufacturer's guidelines.

Make sure that the position for drilling is free from hidden cables and pipes.

Ensure workspace is secure with no slippage.

User Instructions

The following steps will ensure maximum life and performance from your diamond drill:

1. Fill water bottle to the required level with water. Replace the top and tighten.
2. Mark the position of the hole to be drilled on the tile.
3. Place the drill guide onto the tile so that the appropriate diameter hole is selected where the hole is required.



4. Attach guide by holding suction pad and raising the handle until suction pad grips the tile.

Avoid placing the suction pad over the grout lines, or using on rough surface tiles, as this can prevent the suction from holding.



- Fit PG750 Tile Drill bit into chuck of electric or cordless drill. Ensure manufacturer's guidelines are followed. If the machine has a hammer function, ensure that this is off.



- Select appropriate speed for drilling. This depends on hardness of material and size of hole being drilled.

General



800rpm



1500rpm

Ø25mm PG750 Tile drill



Ø5mm PG750 Tile drill

Slower speeds are recommended for larger diameters and harder materials.

7. Position tile drill bit through the hole in the guide.
8. Spray a little water onto the working area and tip of the drill. Commence drilling.



Always ensure that there is a steady flow of water to the tip of the drill and keep it cool. Do not let the drilling bit run dry.

This will cause it to become hot and will reduce life, performance and could result in breakage or damage to the drill bit.

9. Continue drilling until the hole is started by a couple of millimetres. Remove drill from tile.
10. Remove guide by raising the handle.
11. Place drill bit on started hole and continue drilling through the tile, using only a light constant pressure and ensuring water cooling is maintained.



Regular sprays of water to the tip of the drill are necessary during the drilling process to maintain water cooling.

Using heavy pressure or forcing the drilling process can damage or break the crown of the drill.

12. Upon breakthrough of the tile, stop drilling and remove the drill from the tile as straight as possible.

Tilting or removing the drill at an angle can put strain on the drill crown and cause it to break.

13. Switch off the power if using an electric drill.
14. Remove the extracted core from the PG750 drill bit via the de-coring slot.



15. Use of steel guide and water bottle ensures clean and precise hole with no slippage.



16. Clean tile drill and accessories and store in toolbox to protect them when not in use.

Diamond tools are relatively fragile and require care in use, handling and storage. When not in use protect the tool by storing in its protective foam toolbox.



When using electric drills with water a PRCD switch must be used at all times. Failure to do so can result in serious injury or death.

Failure to wear protective clothing or to follow these user instructions can result in serious injury.



Marcryst International Limited
Marcryst House
Kirk Sandall Industrial Estate
Doncaster DN3 1QR
England
T: +44 (0)1302 890888
F: +44 (0)1302 883864
E: info@marcryst.com
W: www.marcryst.com

Marcryst Diamantwerkzeuge
Vertriebsgesellschaft mbH
Karl-Benz-Str. 8
79761 Waldshut-Tiengen
Deutschland
T: +49 (0)7741 966 72 0
F: +49 (0)7741 966 72 99
E: info@marcryst.de
W: www.marcryst.com

Marcryst Diamantwerkzeuge GmbH
Postfach 37
5322 Koblenz
Schweiz
T: +41 (0)41 630 25 43
F: +41 (0)41 630 25 63
E: info@marcryst.ch
W: www.marcryst.com

