

## CORE DRILL APPLICATIONS



### MATERIAL TYPE

**DUSDC**  
(DRY)

**DPDC**  
(DRY)

**DDC**  
(DRY)

**DSDC**  
(DRY)

**DUWC**  
(WET)

**DPWC**  
(WET)

### HARD/DENSE MATERIALS

Class A Engineering Bricks						
Flint Aggregate Common						
Class B Engineering Bricks						
Lightly Reinforced Concrete						
Heavily Reinforced Concrete						
Concrete						
Hard York Stone						
London Brick						
General House Brick						
Handmade Bricks						
Facing Bricks						
Lightweight Concrete Block						
Breeze Block						
Abrasive Sand / Grit Stone						

### SOFT/ABRASIVE MATERIALS



Highly suited



Suitable With Reservations



Not suitable

## CORE DRILL SPEED RECOMMENDATIONS

### DRY DIAMOND

22mm	3,000RPM	107mm	625RPM
28mm	2,380RPM	112mm	600RPM
32mm	1,900RPM	117mm	570RPM
38mm	1,760RPM	127mm	520RPM
42mm	1,600RPM	132mm	490RPM
48mm	1,400RPM	142mm	470RPM
52mm	1,280RPM	152mm	440RPM
65mm	1,030RPM	158mm	380RPM
78mm	860RPM	162mm	350RPM
92mm	800RPM	175mm	320RPM
102mm	750RPM	202mm	300RPM

### WET DIAMOND

8-29mm	3,000RPM
30-45mm	1,500RPM
46-65mm	1,200RPM
66-89mm	900RPM
90-125mm	600RPM
126-200mm	450RPM
201-400mm	300RPM
400-500mm	200RPM