



CORE DRILL APPLICATIONS



MATERIAL TYPE

HARD/DENSE MATERIALS

	DURO (DRY)	DPDC (DRY)	DDC (DRY)	DSDC (DRY)	DUWC (WET)	DPWC (WET)
Class A Engineering Bricks	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited
Flint Aggregate Common	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited
Class B Engineering Bricks	Highly Suited	Highly Suited	Suitable With Reservations	Suitable With Reservations	Highly Suited	Highly Suited
Lightly Reinforced Concrete	Highly Suited	Highly Suited	Suitable With Reservations	Suitable With Reservations	Highly Suited	Highly Suited
Heavily Reinforced Concrete	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited
Concrete	Highly Suited	Highly Suited	Suitable With Reservations	Suitable With Reservations	Highly Suited	Highly Suited
Hard York Stone	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited
London Brick	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited
General House Brick	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited
Handmade Bricks	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited
Facing Bricks	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited
Lightweight Concrete Block	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited
Breeze Block	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited	Highly Suited
Abrasive Sand / Grit Stone	Highly Suited	Suitable With Reservations	Highly Suited	Suitable With Reservations	Highly Suited	Highly Suited

SOFT/ABRASIVE MATERIALS

Highly Suited
Suitable With Reservations
Not suitable

CORE DRILL SPEED RECOMMENDATIONS

DRY DIAMOND

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

WET DIAMOND

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