

DRY CORE DRILL APPLICATION CHART

		HIGHER	PERFORMANCE / LIFE / SPEED	LOWER
GENERAL PURPOSE	RANGE	400 Pro		
	CODE	SCB		
	TYPE	DRY SOCKET CORE DRILL		
	HARDER	RAILTRACK	×	
		STEEL LINTELS	×	
		STEEL REBAR & BOX SECTIONS	×	
		DUCTILE IRON	×	
		ALUMINIUM	×	
		PORCELAIN (PEI HARDNESS CLASS 1-5)	×	
		PORCELAIN (PEI HARDNESS CLASS 1-3)	×	
		ENGINEERED ARTIFICIAL STONE	×	
		GRANITE	★	
		QUARTZITE	★	
	MATERIAL HARDNESS	HEAVILY STEEL REINFORCED CONCRETE	×	
		CRITICALLY HARD AGGREGATE CONCRETE (FLINT, CHERT)	★	
		HARD-MED AGGREGATE CONCRETE (CHERT, TRAPROCK, RIVER)	★★	
		MEDIUM AGGREGATE CONCRETE (TRAPROCK - QUARTZ)	★★★	
		SOFT-MEDIUM AGGREGATE CONCRETE (GRANITE, LIMESTONE)	★★★★	
		CLASS A ENGINEERING BRICK 125 N/MM ²	★	
		CERAMIC TILES	×	
		REFRACTORY BRICK	★★	
		CLAY PIPE - ROOF TILES	×	
		CLAY PAVIOURS	×	
	MATERIAL HARDNESS	QUARRY TILES	×	
		TERRACOTTA	★★★★	
		INDIAN STONE (KOTA)	★★	
		TRAVERTINE	★★	
		PORPHYRY	★★	
		CLASS B ENGINEERING BRICK 75N/MM ²	★★★	
		BASALT	★★	
		HARD LIMESTONE	★★	
		FIBRE CEMENT BOARD	×	
		DENSE COMPOSITE MATERIALS	×	
	MATERIAL HARDNESS	PLASTICS - GRP - FIBREGLASS	×	
		LIMESTONE AGGREGATE CONCRETE	★★★	
		LAMINATED & MELAMINE SURFACES	×	
		LIGHTLY REINFORCED CONCRETE	★★	
		CONCRETE PAVIOURS - KERBS - SLABS	★★★★	
		CONCRETE ROOF TILES - PIPES	★★★★	
		HARD FACING BRICK	★★	
		MEDIUM FACING BRICK	★★★	
		SOFT FACING BRICKS	★★★★	
		CONCRETE BLOCKS OVER 15N/MM ²	★★★★	
	MATERIAL HARDNESS	HARD SLATE	★★★	
		SOFT SLATE	★★★★	
		MARBLE	★★★	
		HARD SANDSTONE (FINE GRIT)	★★★	
		MEDIUM SANDSTONE (MEDIUM GRIT)	★★★★	
		SOFT SANDSTONE (COARSE GRIT)	★★★★	
		CONCRETE SCREED	★★★★	
		PLASTER - GROUT	★★★★	
		GLUE - PAINT - EPOXY	×	
		MORTAR (HARD)	★★★	
	MATERIAL HARDNESS	MORTAR (ABRASIVE)	★★★	
		ASPHALT OVER CONCRETE	×	
		ASPHALT	×	
		CONCRETE BLOCK UNDER 15N/MM ²	★★★★	
		THERMAL BLOCK 7 N/MM ²	★★★★	
		GREEN CONCRETE UNIVERSAL	×	
		GREEN CONCRETE WITH VERY HARD AGGREGATE	×	
		GREEN CONCRETE WITH MEDIUM HARD AGGREGATE	×	
		GREEN CONCRETE WITH MEDIUM SOFT AGGREGATE	×	
		SOFTER	LIGNACITE BLOCKS	★★
	LAVA ROCK		★★	
	PUMICE		★★	

★★★★	CORRECT BOND FOR APPLICATION OPTIMAL PERFORMANCE, SPEED & LIFE
★★★	GOOD MATCH BOND FOR APPLICATION EXCELLENT PERFORMANCE, SPEED & LIFE
★★	ACCEPTABLE BOND FOR APPLICATION REDUCED PERFORMANCE, SPEED & LIFE
★	OCCASIONAL USE ONLY - MUCH REDUCED PERFORMANCE - SPEED & SHORT LIFE - GLAZING & PREMATURE WEAR WILL OCCUR

IF A DIAMOND TOOLS STARTS TO SLOW DOWN OR STOPS CUTTING WHEN CUTTING PRODUCTS NOT IDEALLY SUITED, DRESS THE BLADE BY USING IT IN A NORMAL MANNER ON ABRASIVE PRODUCTS SUCH AS ABRASIVE COARSE SANDSTONE OR ASPHALT TO DRESS THE DIAMONDS & OPEN UP THE BOND. THIS MAY NEED TO BE REPEATED WHEN NEEDED.

WHEN USING A DIAMOND TOOL & EXCESSIVE SPARKS ARE BEING CREATED OR SIGNS OF WHEEL "WOBBLE" THEN STOP USING IMMEDIATELY & USE A BLADE WITH A SOFTER BOND IDEALLY SUITED TO THE APPLICATION.