

# GRINDER APPLICATION CHART

UNIVERSAL & MULTI MATERIALS	RANGE CODE TYPE	HIGHER	PERFORMANCE / LIFE / SPEED		LOWER
		800 EXPERT	800 EXPERT	800 Expert	
		LG10	TG10	EDRCW	
		30/40# MESH L SEGMENT GRINDER	80/100# MESH T SEGMENT GRINDER	30/40# MESH DOUBLE ROW GRINDER	
HARDER	RAILTRACK	X	X	X	
	STEEL LINTELS	X	X	X	
	STEEL REBAR & BOX SECTIONS	X	X	X	
	DUCTILE IRON	X	X	X	
	ALUMINIUM	X	X	X	
	PORCELAIN (PEI HARDNESS CLASS 1-5)	X	X	X	
	PORCELAIN (PEI HARDNESS CLASS 1-3)	X	X	X	
	ENGINEERED ARTIFICIAL STONE	X	X	X	
	GRANITE	★★★★	★★★★	★★★★	
	QUARTZITE	★★★★	★★★★	★★★★	
MATERIAL HARDNESS	HEAVILY STEEL REINFORCED CONCRETE	X	X	X	
	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 <sup>2</sup>	★★★★	★★★★	★★★★	
	CERAMIC TILES	X	X	X	
	REFRACTORY BRICK	★★★★	★★★★	★★★★	
	CLAY PIPE - ROOF TILES	★★★	★★★	★★★	
	CLAY PAVIOURS	★★★	★★★	★★★	
	QUARRY TILES	★★★	★★★	★★★	
	TERRACOTTA	★★★	★★★	★★★	
	INDIAN STONE (KOTA)	★★★	★★★	★★★	
	TRAVERTINE	★★★	★★★	★★★	
	PORPHYRY	★★★	★★★	★★★	
	CLASS B ENGINEERING BRICK 75N/MM <sup>2</sup>	★★★	★★★	★★★	
	BASALT	★★★	★★★	★★★	
	HARD LIMESTONE	★★★	★★★	★★★	
	FIBRE CEMENT BOARD	★★	★★	★★	
	DENSE COMPOSITE MATERIALS	X	X	X	
PLASTICS - GRP - FIBREGLASS	X	X	X		
SOFTER	LIMESTONE AGGREGATE CONCRETE	★★★	★★★	★★★	
	LAMINATED & MELAMINE SURFACES	X	X	X	
	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 <sup>2</sup>	★★★	★★★	★★★	
	HARD SLATE	★★★	★★★	★★★	
	SOFT SLATE	★★★	★★★	★★★	
	MARBLE	★★★	★★★	★★★	
	HARD SANDSTONE (FINE GRIT)	★★★	★★★	★★★	
	MEDIUM SANDSTONE (MEDIUM GRIT)	★★★	★★★	★★★	
	SOFT SANDSTONE (COARSE GRIT)	★★★	★★★	★★★	
	CONCRETE SCREED	★★★★	★★★★	★★★★	
	PLASTER - GROUT	★★★★	★★★★	★★★★	
	GLUE - PAINT - EPOXY	X	X	X	
	MORTAR (HARD)	X	X	X	
	MORTAR (ABRASIVE)	X	X	X	
ASPHALT OVER CONCRETE	X	X	X		
ASPHALT	X	X	X		
CONCRETE BLOCK UNDER 15N/MM <sup>2</sup>	★★	★★	★★		
THERMAL BLOCK 7 N/MM <sup>2</sup>	★★	★★	★★		
GREEN CONCRETE UNIVERSAL	★★	★★	★★		
GREEN CONCRETE WITH VERY HARD AGGREGATE	★★	★★	★★		
GREEN CONCRETE WITH MEDIUM HARD AGGREGATE	★★	★★	★★		
GREEN CONCRETE WITH MEDIUM SOFT AGGREGATE	★	★	★		
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.