

# GRINDER APPLICATION CHART

		HIGHER	PERFORMANCE / LIFE / SPEED	LOWER
UNIVERSAL & MULTI MATERIALS	RANGE	800 EXPERT	800 EXPERT	800 Expert
	CODE	LG10	TG10	EDRCW
	TYPE	30/40# MESH L SEGMENT GRINDER	80/100# MESH T SEGMENT GRINDER	30/40# MESH DOUBLE ROW GRINDER
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 <sup>2</sup>	★★★★	★★★★	★★★★
	CERAMIC TILES	×	×	×
	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	×	×	×
	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 <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	×	×	×
	MORTAR (HARD)	×	×	×
MORTAR (ABRASIVE)	×	×	×	
ASPHALT OVER CONCRETE	×	×	×	
ASPHALT	×	×	×	
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	★	★	★	
SOFTER				

★★★★	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.