






GRINDERS

The
Preparation
Group



Quick Guide to Diamond Tooling

Type	Description	Uses	Compatible Machines	Grits
	Round Segment Red – Soft Bond Yellow – Medium Bond Blue – Hard Bond	Grinding, Smoothing, Levelling or Reducing scratches.	Liberator 250 Liberator 250TP All makes of Planetary Grinders.	16/20 30/40 60/80 120/150 250/300
Segments are 'more forgiving' - they do not break off as easily, or snap belts if Grinder hits obstruction e.g. a Bolt				
	Metal Bonded Discs Red – Soft Bond Yellow – Medium Bond Blue – Hard Bond	Grinding , Smoothing, Levelling or Reducing scratches.	Terrco® Machines	8 16/20 30/40 60/80
Available in 'bolt on' or speed shift system.				
	Resin Bonded Diamond Discs	Used for fine grinding and Polishing - 50 Grit being the most coarse grind.	Terrco® Machines	50-6,000
Picture shown fits Terrco® – 'dots' are available for other makes				
	PCD (Polycrystalline Diamond) Plates Twin Segment shoes for thick coating removal Triple Segment shoes for thin coating removal	For Removal of adhesives, carpet backing and other soft thick materials from screeds, concrete and hard substrates.	Liberator 250 Liberator 250TP STG450 All makes of Planetary Grinders.	N/A
The unique design of the PCD's produces a scraping rather than grinding action, to effortlessly remove 'sticky' materials without clogging up.				
	250 Grinding Plate with 20 segments: Red – Soft Bond Yellow – Medium Bond Blue – Hard Bond	Soft Bond for hard materials & aggressive grind, Medium Bond for general purpose & Hard Bond for soft materials and long life with extended wear rate.	Liberator 250 Liberator 250TP	30/40

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