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DIAMOND BLADE, ELECTROPLATED SEGMENTED RIM BY DYMAXION



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SKU	Option	Part #	Price
54004	Size: 100mm x 16mm	BDEM100	\$29.95
54005	Size: 115mm x 22mm	BDEM115	\$34.95
54006	Size: 125mm x 22mm	BDEM125	\$39.2

Model	
Туре	Hand Tools
SKU	54004
Part Number	BDEM100
Barcode	9333716009984
Brand	Dymaxion
Packaging + Shipping	
Shipping Weight (Gross)	1.48 kg



FEATURES

General purpose.

Segmented rim produces clean, fast cuts wet and dry. Great for cutting a wide variety of non-abrasive materials. Can be used for either wet or dry cutting. Extended blade life will be experienced with wet cutting.

Use when cutting clay bricks, hebel®, terracotta tiles, slate, fibreglass, reinforced plastics, wall chasing in brick .

Diamond blades do not cut, they actually grind through the material by exposing new diamond at the right moment just before the old diamond wears away.

The newly exposed diamonds again will wear, chip, or break out of the metal bond in the segment, while the metal bond gradually wears away to expose new diamond. This process is repeated over and over until there is no diamond remaining and the blade is worn out.

Ideally and to get the maximum life out of a diamond blade, the metal should wear away at just the right time to expose new diamond for optimum cutting performance.

If the metal wears away too quickly, the diamonds are exposed to soon and get torn out of the metal bond before they are fully worn. The result is a very short blade life. If the metal wears away too slowly, the diamonds wear away before new diamond is exposed. This is often referred to as a 'glazed blade'. Without exposed diamond the blade will not cut.

Abrasive materials like green concrete and asphalt will wear the metal bond very fast, so blades for these materials have



Monday - Friday 7am-5pm + Sat 8am-4pm

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a much harder metal bond to resist this abrasion.

The opposite occurs on a hard clay paver the clay paver is not abrasive enough to wear the metal bond fast enough to expose fresh diamond, therefore a different and much softer alloy is needed for cutting these types.

The single most important factor for the life of the blade is to match it to the job application and the type of equipment it is being used on.

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Options

BDEM100 BDEM115 BDEM125

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