

## STEEL-CUTTING EQUIPMENT

# Diamond tools offer twice the speed

Suited to cutting steel-reinforced concrete to specifications, ARIX technology has been proven to increase the lifespan of diamond tools by 400% while also achieving cutting speeds of twice the industry standard, according to Diamond Products director, Brian Clark.

ARIX technology ensures that each diamond carries precisely the same workload, ensuring that the lifespan of the tool is extended and the technology also allows for quicker and more accurate cutting, according to Diamond Products, Clark explains: "The diamonds are aligned in an almost grid-like system, allowing for consistent cutting speeds. In industry-standard tools, the diamonds are mixed randomly throughout the surface which results in significant wear-and-tear owing to the fact that different areas of the surface end up carrying inconsistent workloads. With the alignment of diamonds in

separate rows, the workload is consistently spread."

Darryl Gray, co-director of Diamond Products, admits that the cost of the specialised instrument – 10% to 15% higher than conventional blades – initially delayed demand for the product on the local market. He notes that a number of companies do not record the lifespan of their machinery and are, therefore, not aware of the advantages that the technology offers in terms of return on investment. Diamond Products reports an increase in demand for ARIX products since 2009, a year after it acquired exclusive local distribution rights.

Gray reports that despite the economic slump in 2010, Diamond Products produced better financial results than originally forecast. The company also focuses on plumbing, electrical and paving, as well as professional flooring.