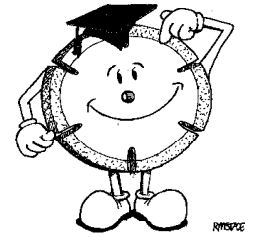


HYPER BLADES



DESIGN PHILOSOPHY

Decades of diamond saw blade use, by millions of users all over the world, has confirmed one vital fact. "There is no such thing as a really efficient general purpose blade for all materials, all machines, and all conditions"

Often requested, this elusive tool remains as rare as ever. Instead, diamond saw blade design engineers have discovered different ways of yielding maximum cutting rates and tool life, from custom developed blades for various operations. Machine horsepower and type, material composition, budget, speed of cut preferences, and many other factors are taken into account when configuring blades.

The amazing central component is man made diamond. Synthesised in modern factories, using secret production facilities, diamond is grown into crystals which can be consistent in shape, toughness and processing damage resistance. Each tooth a marvel of hardness, in it's own right capable of cleaving the hardest concrete or stone.

Using these tiny power houses, High Performance Diamond Technology designs reflect decades of experience in New Zealand.

We aim to lower your costs through shared experience and teamwork.

Work with us.



"Green Guru" 350GCCBS GREEN & SEMI CURED TOUGH CONCRETES

Professional concrete cutting contractors know that every concrete slab is different. Concrete constituents and densities all play a part in affecting the sawability of the concrete. Even in a small town the quality of mix can vary, as can the source of aggregates and sands. Weather plays an important role in the curing of freshly placed concrete making the timing of the cut difficult to judge, and this is further complicated by many other factors.

Diamond blades have to be flexible enough to cope with many concrete variables, as well as many different types of concrete saws that individual contractors use for particular situations. They also have to cope with differing stages of cure and varying productivity needs.

The "Green Guru" is particularly effective in areas where there are very hard aggregate high strength concretes, as well as exposed aggregate slabs, particularly hard river pebble finished. These demanding concretes require specialized knowledge for successful results and usually incur higher cutting costs for the contractors involved. This is not the only, or final answer, but it is a work in progress based on our, and your experiences. It will continue to improve as the years pass.

Sharper diamond teeth, paired with a tenacious bond, provide cleaner cutting blades which can frequently be put to use on power cut off saws with smaller cuts. A useful feature.

"Green Guru" is designed for aggressive sharp action resulting in less spalling (ravelling) of the cut. The preferred blade when early entry saws are unavailable.

A little water (light spray ejected from the cut in very green) is preferred for this lazer welded design, it will assist efficient flushing of cuttings from the blade cutting edge. The lazer welding is very strong and potentially safer than brazed designs.

When selecting diamond blades for your operation, consider that Diamond blademan technology reflects more than 25 years experience in the supply of sawing systems to New Zealand users.

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Knowledgeable after and pre sales support, our special emphasis on customer long term diamond sawing safety training, and our commitment to continuous development, should help your decision.