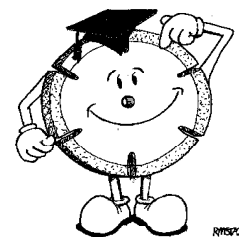


HYPER BLADES



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.



BLACK MONGREL-1STPA144 ASPHALT, CHIPSEAL -VERY HEAVY DUTY

Asphalt poses many potential problems to the contractor but none more potentially devastating than the problem of abrasion. High Performance Diamond Technology tackles this problem head on, with special steel cores and super abrasion resistant segment configurations.

"Black Mongrel" is available in a special design which allows very high metreages to be expected. "Black Mongrel" is for larger h.p. saws of 30 h.p and greater.

Carefully selected diamond is bonded with high tech alloys which tenaciously hold the diamond until it can no longer achieve productive cutting rates. It is held in a bond capable of resisting extremely high levels of abrasion so often experienced in typical asphalt or chip seal cutting operations.

The combination of diamond, bond, and blade core design yields significantly higher metreages and lower cutting costs for discriminating contractors.

For wet sawing operations, where a higher level of operator skill is available, "Black Mongrel" is brazed, allowing repairs to damaged blades, whilst providing maximum core protection. Blades can often be recored when extreme metreages are required.

Blades of this performance level do not come about without considerable work in the field, cutting under normal everyday circumstances with real world conditions. Co-development contractors are chosen for their experience and knowledge in cutting the particular material and many tests can be carried out before the right results occur.

High Performance Diamond Technology Ltd diamond saw blades are all guaranteed.

In the unlikely event that any unexpected blade structural problems should eventuate, each and every blade is covered by our special guarantee. Certificate included. You can confidently expect to achieve exceptional results in cutting asphalt, hot mix, tar seal and chip seals. with the 1STPA14 high performance blade family.

Diamond Blademan
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