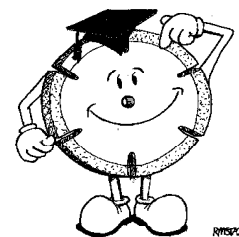


# HYPER BLADES



## 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.



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## LBC360A357 SERIOUS ASPHALT AND CHIPSEAL WORK

Asphalt, unlike cured concrete, is relatively easy to cut, but it has it's own particular challenges; abrasion and life expectancy. High Performance Diamond Technology's range of asphalt blades meet these challenges head on, with special steel cores and super abrasion resistant segment configurations.

LBC360A357 has been designed to allow very high metreages to be expected. LBC360A357 is specified for saws up to 35 h.p where abrasion is expected to be heavy and life expectancy required to be high.

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

The combination of diamond, bond, and blade core design yields significantly higher metreages and lower cutting costs for discerning contractors. LBC360A357 is brazed, allowing repairs to damaged blades, whilst providing maximum core protection.

Blades of this performance level do not come about without considerable work in the field, test cutting carried under real world conditions. Co- development contractors were chosen for their experience and knowledge in cutting these particular materials, and many tests were carried out before a final specification was identified.

High Performance Diamond Technology Ltd diamond saw blades are guaranteed. In the unlikely event that any quality problems occur, each and every blade is covered by our special guarantee.

You can confidently expect to achieve exceptional results in cutting asphalt, hot mix, tar seal and chip seals. with the LBC360A357.