

WHAT TO CONSIDER WHEN CHOOSING A DIAMOND BLADE

WHAT IS THE MATERIAL?

Ex.) Brick, block, combination, green concrete, cured concrete, asphalt etc.

WHAT IS THE CUTTING METHOD

Wet or Dry?

WHAT KIND OF EQUIPMENT IS BEING USED?

Ex.) High speed hand held saw, masonry table type saw, walk behind saw (low or high HP), hand held power tool

HOW DEEP IS THE CUT?

Use proper blade diameter for depth required. Remember, a 5” cut requires a 14” blade

HOW BIG IS THE JOB?

Higher quality blades are more economical to use

DIAMOND BLADE CUTTING PERFORMANCE VARIABLES			
VARIABLES	CHANGE	RESULT	
		CUTTING SPEED	BLADE LIFE
Segment Bond Hardness	Harder	Slower	Longer
	Softer	Faster	Shorter
Segment Width	Thinner	Faster	Shorter
	Thicker	Slower	Longer
Material Hardness	Harder	Slower	Longer
	Softer	Faster	Shorter
Material Abrasiveness	More	Faster	Shorter
	Less	Slower	Longer
Material Steel Reinforcing	More	Slower	Shorter
	Less	Faster	Longer
Material Aggregate Size	Smaller	Faster	Longer
	Larger	Slower	Shorter
Horsepower	Lower	Slower	Longer
	Higher	Faster	Shorter
Blade Speed RPM	Lower	Slower	Longer
	Higher	Faster	Shorter
Cutting Depth	Shallow	Faster	Longer
	Deep	Slower	Shorter