

**FAITHFULL®**

**QUALITY TOOLS**



# Diamond Blade Ranges

and Cutting Guide



Designed exclusively for  
UK and Irish aggregates



All blades conform to  
EN13236 or OSA  
where applicable



## Why Faithfull

We supply a comprehensive selection of diamond blades, offering nine ranges, each specifically designed for different materials and cutting performances.

## Blade Material

Our wide selection of blades offer a professional cutting performance in over 40 different materials. Ranging from standard, heavy-duty and specialist blades.

## Construction

Each diamond blade features a specifically formulated cutting diamond 'bond' designed exclusively with UK and Irish aggregates to provide outstanding performance.



# Diamond Blade Series



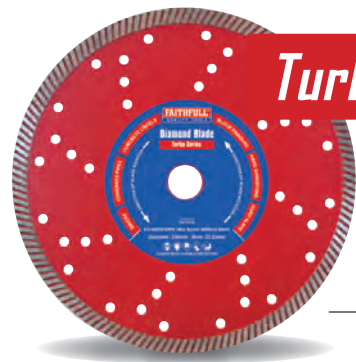
## Contract | ENTRY LEVEL

- Paving slabs, concrete, bricks and roofing tiles
- 7mm sintered diamond segments



## Pro | TRADE LEVEL

- Concrete, kerb stones, roofing, tiles, brick pavements, building blocks, and concrete lintels
- 10mm sintered segments



## Turbo | FAST CUTTING

- Concrete paving slabs, pipes and kerbs, cured concrete, hard sandstone, limestone, marble, pavements, facing bricks and slate.
- 10mm hot sintered diamond segments



## Multi-Cut | 5x THE LIFE 3x THE SPEED

of conventional diamond blades

- Concrete products, slate, asphalt and steel up to 10mm thick
- 12mm double laser welded diamond segments
- Cuts the widest variety of materials. Ideal for heavy-duty use



## Abrasive

- Medium sandstone, asphalt over concrete, breeze blocks, top blocks, green concrete, asphalt and lignacite blocks
- 10mm hot sintered diamond segments



## Mortar Rake

- Ideal for raking mortar between brickwork
- 6.4mm thick by 8mm deep heavily impregnated sintered diamond segments



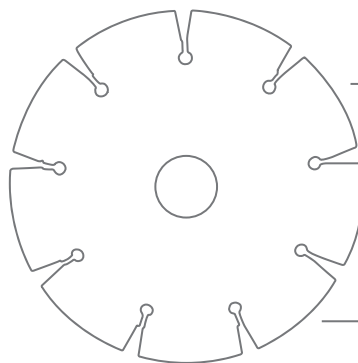
## Ceramic

- Slate, marble, vitrified products, ceramic, granite, stone and quarry tiles
- 10mm continuous sintered rim



## Porcelain

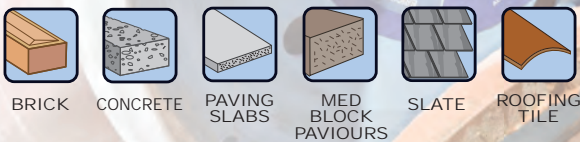
- Ceramic, porcelain, granite, marble, slate, terracotta, dense clay, quarry tiles and travertine
- 10mm continuous hot sintered rim



Find out more about each series...  
Pages 4-11

# Contract Series | ENTRY LEVEL

CODE	DIA / BORE
FAIDB115C	115mm / 22.23mm
FAIDB230C	230mm / 22.23mm
FAIDB300C	300mm / 20mm



## Description:

Our entry level blade with 7mm sintered diamond segments. Suitable for wet and dry cutting and ideal for general cutting applications such as brick, concrete, paving slabs and slate. Available in three popular sizes, the 115mm diameter is also available in a cost saving triple pack. These blades offer value for money to the occasional user cutting a variety of materials. Other blades in this range are better suited on certain materials.



Contract Series Cutting Guide	
Clay Paviours	✓
Clay Pipes	✓
Clay Roof Tiles	✓
Concrete Hard Aggregates	✓
Concrete Paving Slabs	✓✓
Concrete Pipes And Kerbs	✓✓
Concrete Tiles	✓
Cured Concrete	✓✓
Engineering Bricks	✓
Gritstone	✓
Hard Facing Bricks	✓✓
Hard Paviours	✓
Hard Sandstone	✓✓
Limestone Concrete	✓✓
Medium Block Paviours	✓✓
Medium Facing Bricks	✓✓
Medium Sandstone	✓
Reinforced Concrete Lintels	✓
Slate	✓✓

Occasional	✓	Excellent	✓✓✓
Good	✓✓	Optimum	✓✓✓✓

### Wet and Dry Cutting



- Good concentration of quality diamond grit
- 7mm Segments
- Balanced and tensioned core. Aerated to aid cooling

### SUITABLE FOR USE ON:

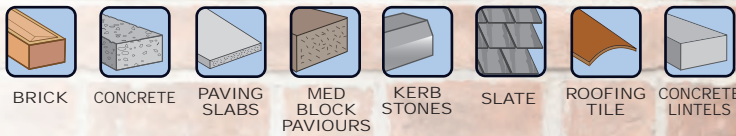




# Pro Series

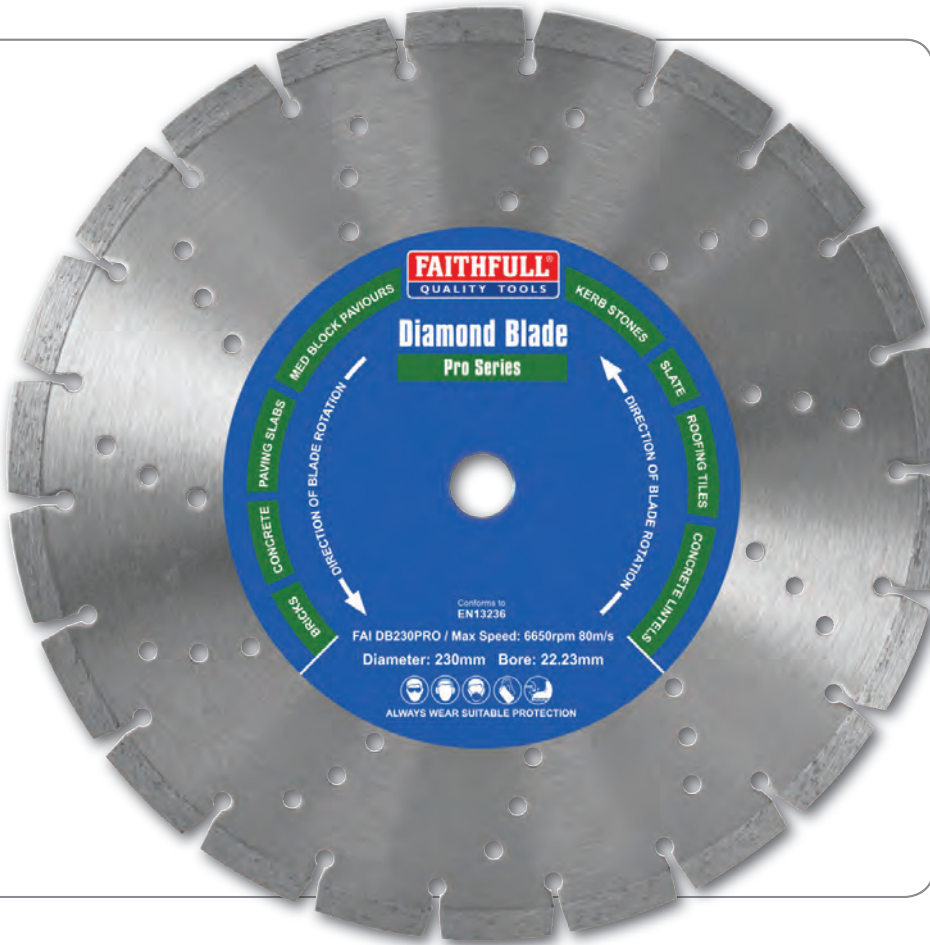
TRADE LEVEL

CODE	DIA / BORE
FAIDB115PRO	115mm / 22.23mm
FAIDB125PRO	125mm / 22.23mm
FAIDB230PRO	230mm / 22.23mm
FAIDB300PRO	300mm / 20mm



## Description:

A universal trade level diamond blade with 10mm sintered segments allowing for a longer working life and less blade changes. The aerated core allows for better cutting performance and aids cooling. Ideal for cutting materials commonly found on site such as concrete, kerb stones, roofing tiles, block paviours, building blocks and concrete lintels.



Contract Series Cutting Guide	
Clay Paviours	✓✓
Clay Pipes	✓
Clay Roof Tiles	✓✓
Concrete Hard Aggregates	✓
Concrete Paving Slabs	✓✓✓
Concrete Pipes And Kerbs	✓✓✓
Concrete Tiles	✓✓
Cured Concrete	✓✓✓
Engineering Bricks	✓✓
Gritstone	✓✓
Hard Facing Bricks	✓✓
Hard Paviours	✓✓
Hard Sandstone	✓✓
Limestone Concrete	✓✓✓
Medium Block Paviours	✓✓✓
Medium Facing Bricks	✓✓✓
Medium Sandstone	✓✓
Reinforced Concrete Lintels	✓✓✓
Slate	✓✓✓

Occasional	✓	Excellent	✓✓✓
Good	✓✓	Optimum	✓✓✓✓

### Wet and Dry Cutting



- Good concentration of quality diamond grit
- 10mm Segments
- Balanced and tensioned core. Aerated to aid cooling

### SUITABLE FOR USE ON:



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# Turbo Series

**FAST CUTTING**

CODE	DIA / BORE
FAIDB115TURB	115mm / 22.23mm
FAIDB125TURB	125mm / 22.23mm
FAIDB230TURB	230mm / 22.23mm
FAIDB300TURB	300mm / 20mm



## Description:

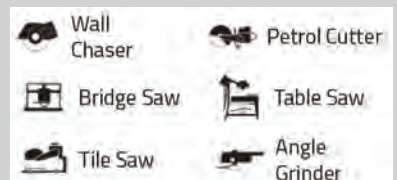
The turbo series has been designed to offer excellent performance levels and a faster cut than standard sintered segmented blades. Perfect for a wide range of materials, this blade excels in hard materials such as concrete paving slabs, pipes and kerbs, cured concrete, hard sandstone, limestone concrete, marble, paviours, facing bricks and slate.

### Contract Series Cutting Guide

Breeze Blocks	✓
Clay Paviours	✓✓
Clay Pipes	✓✓
Clay Roof Tiles	✓✓
Concrete Hard Aggregates	✓✓
Concrete Paving Slabs	✓✓✓
Concrete Pipes And Kerbs	✓✓✓
Concrete Tiles	✓✓
Cured Concrete	✓✓✓
Engineering Bricks	✓✓
Hard Facing Bricks	✓✓
Hard Paviours	✓✓
Hard Sandstone	✓✓✓
Indian Stone	✓
Lignacite Blocks	✓
Limestone Concrete	✓✓✓
Marble	✓✓✓
Medium Block Paviours	✓✓✓
Medium Facing Bricks	✓✓✓
Medium Sandstone	✓✓
Reinforced Concrete Lintels	✓✓✓
Slate	✓✓✓
Top Blocks	✓

<b>Occasional</b>	✓	<b>Excellent</b>	✓✓✓
<b>Good</b>	✓✓	<b>Optimum</b>	✓✓✓✓

### SUITABLE FOR USE ON:



### Wet and Dry Cutting



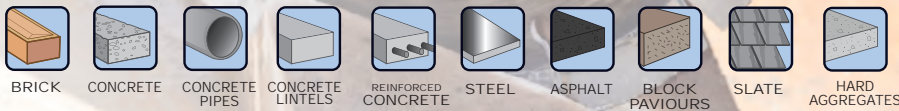
- Good concentration of quality diamond grit
- 10mm Turbo Segments
- Hot sintered



# Multi-Cut Series

**5x THE LIFE**  
**3x THE SPEED**  
*of conventional diamond blades*

CODE	DIA / BORE
FAIDB115MULT	115mm / 22.23mm
FAIDB115MULT	230mm / 22.23mm
FAIDB115MULT	300mm / 20mm



## Description:

A high performance professional level diamond blade developed to offer unrivalled performance and the widest range of cutting applications. The 12mm undercut protected segments are double laser welded to the core allowing for a higher diamond content in each segment which allows for a faster cut and a longer life than a conventional diamond blade.

### Contract Series Cutting Guide

Asphalt	✓✓✓✓
Asphalt Over Concrete	✓✓✓✓
Breeze Blocks	✓✓✓✓
Cast Iron	✓✓✓✓
Clay Paviours	✓✓✓✓
Clay Pipes	✓✓✓✓
Clay Roof Tiles	✓✓✓✓
Concrete Hard Aggregates	✓✓✓✓
Concrete Paving Slabs	✓✓✓✓
Concrete Pipes And Kerbs	✓✓✓✓
Concrete Tiles	✓✓✓✓
Cured Concrete	✓✓✓✓
Ductile Iron	✓✓✓✓
Engineering Bricks	✓✓✓✓
Green Concrete	✓✓✓✓
Gritstone	✓✓✓✓
Hard Facing Bricks	✓✓✓✓
Hard Paviours	✓✓✓✓
Hard Sandstone	✓✓✓✓
Indian Stone	✓✓✓✓
Lignacite Blocks	✓✓✓✓
Limestone Concrete	✓✓✓✓
Medium Block Paviours	✓✓✓✓
Medium Facing Bricks	✓✓✓✓
Medium Sandstone	✓✓✓✓
Reinforced Concrete Lintels	✓✓✓✓
Sheet Metal	✓✓✓
Slate	✓✓✓✓
Steel	✓✓✓✓
Top Blocks	✓✓✓✓

Occasional	✓	Excellent	✓✓✓
Good	✓✓	Optimum	✓✓✓✓

### SUITABLE FOR USE ON:



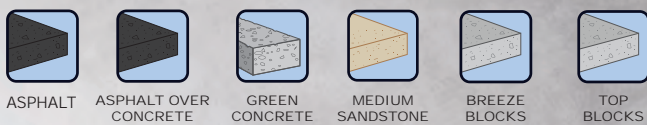
### Wet and Dry Cutting



- Dense concentration of quality diamond grit
- 12mm Segments with undercut protection segment
- Blade features both micro and nano diamond technology

# Abrasive Series

CODE	DIA / BORE
FAIDB230ABR	230mm / 22.23mm
FAIDB300ABR	300mm / 20mm
FAIDB350ABR	350mm / 25.40mm



## Description:

A high performance professional level abrasive diamond blade, offering a great cost per cut ratio with good diamond quality and bond formation. Ideal for cutting all asphalt and abrasive materials including green concrete, breeze blocks, soft facing bricks, firebricks, cellular concrete bricks, soft sandstone and other lightweight building materials. The 10mm segments are fast cutting, have a long life span and feature a 15mm undercut protection.



### Abrasive Series Cutting Guide

Medium Sandstone	✓✓✓
Asphalt	✓✓✓✓
Asphalt over Concrete	✓✓✓✓
Breeze Blocks	✓✓✓
Top Blocks	✓✓✓
Green Concrete	✓✓✓
Lignacite Blocks	✓✓✓
Medium Facing Bricks	✓

Occasional	✓	Excellent	✓✓✓
Good	✓✓	Optimum	✓✓✓✓

### Wet and Dry Cutting



- Good concentration of quality diamond grit
- 10mm Segments with 15mm undercut protection
- Balanced and tensioned core.

### SUITABLE FOR USE ON:





# Mortar Rake Series

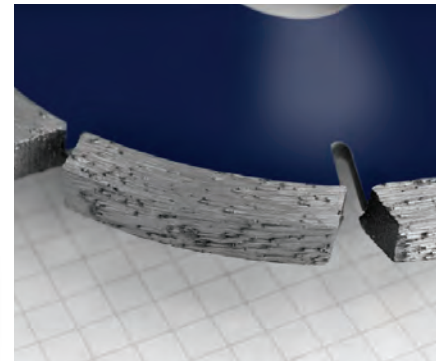
CODE	DIA / BORE
FAIDB115MR2	115mm / 22.23mm



MORTAR

## Description:

A specially designed blade for mortar raking applications, with a 6.4mm thick by 8mm deep heavily impregnated hot sintered diamond segment. Quickly removes horizontal joints in brickwork prior to re-pointing.



Rake Series Cutting Guide	
Mortar Raking	✓✓✓
Occasional	✓
Excellent	✓✓✓
Good	✓✓
Optimum	✓✓✓✓

### Dry Raking

 Sintered

- Good concentration of quality diamond grit
- 8mm Segments
- Special bond formulated for abrasive materials

### SUITABLE FOR USE ON:





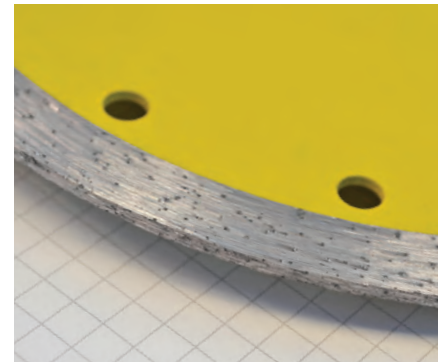
# Ceramic Series

CODE	DIA / BORE
FAIDB105CR	105mm / 16mm
FAIDB115CR	115mm / 22.23mm
FAIDB180CR	180mm / 25.40mm



## Description:

A continuous sintered rim diamond blade for cutting universal tile products. For wet cutting of slate, marble, vitrified products, ceramic, granite, porcelain and quarry tiles.



### Ceramic Series Cutting Guide

Ceramic Tiles	✓✓✓
Glass	✓
Clay Pipes	✓✓
Granite	✓
Marble	✓✓✓
Porcelain	✓
Slate	✓✓

Occasional	✓	Excellent	✓✓✓
Good	✓✓	Optimum	✓✓✓✓

### Wet and Dry Cutting (recommended for wet cutting)

Sintered

- Good concentration of quality diamond grit
- 10mm continuous rim
- Balanced and tensioned core. Aerated to aid cooling

### SUITABLE FOR USE ON:





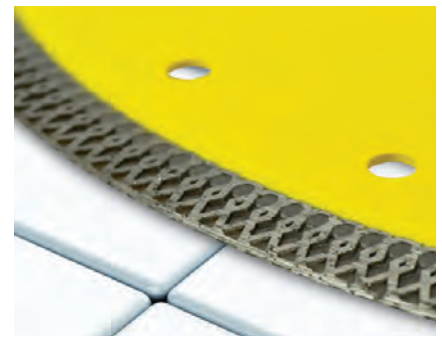
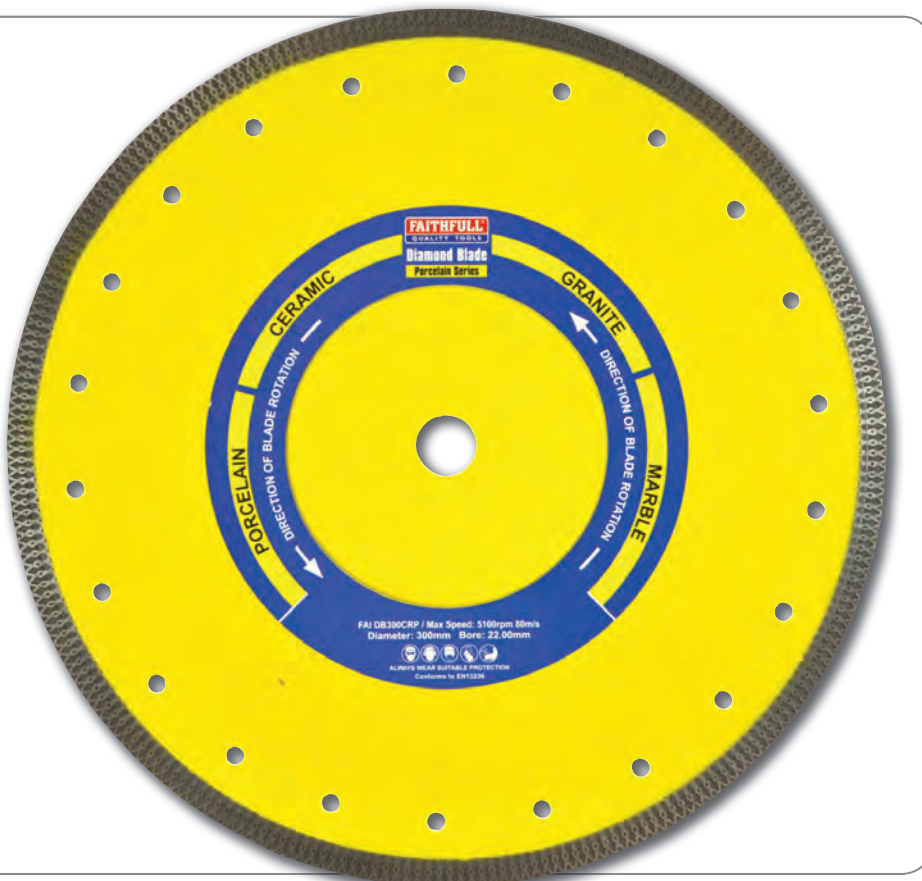
# Porcelain Series

CODE	DIA / BORE
FAIDB105CRP	105mm / 16mm
FAIDB115CRP	115mm / 22.23mm
FAIDB180CRP	180mm / 25.40mm
FAIDB200CRP	200mm / 25.40mm
FAIDB230CRP	230mm / 22.23mm
FAIDB250CRP	250mm / 25.40mm
FAIDB300CRP	300mm / 20mm



## Description:

A continuous sintered rim diamond blade for cutting porcelain, ceramic, granite and marble.



## Porcelain Series Cutting Guide

Porcelain	✓✓✓✓
Granite	✓✓✓✓
Ceramic Tiles	✓✓✓✓
Marble	✓✓✓✓
Cast Iron	✓✓
Clay Paviours	✓✓
Clay Pipes	✓✓
Clay Roof Tiles	✓✓
Engineering Bricks	✓✓
Indian Stone	✓✓
Medium Facing Bricks	✓✓
Slate	✓✓

Occasional	✓	Excellent	✓✓✓
Good	✓✓	Optimum	✓✓✓✓

## Wet and Dry Cutting (recommended for wet cutting)



- Good concentration of quality diamond grit
- 10mm continuous rim
- Reinforced centre plate

## SUITABLE FOR USE ON:





# Material Cutting Guide

## Materials

	CONTRACT SERIES	PRO SERIES	MULTI-CUT SERIES	ABRASIVE SERIES	RAKE SERIES	TURBO SERIES	CERAMIC SERIES	PORCELAIN SERIES
Asphalt	x	x	✓✓✓✓	✓✓✓✓	x	x	x	x
Asphalt Over Concrete	x	x	✓✓✓✓	✓✓✓✓	x	x	x	x
Breeze Blocks	x	x	✓✓✓✓	✓✓✓	x	✓	x	x
Carbon Fibre	x	x	x	x	x	x	x	x
Cast Iron	x	x	✓✓✓✓	x	x	x	x	✓✓
Cement Board	x	x	x	x	x	x	x	x
Ceramic Tiles	x	x	x	x	x	x	✓✓✓	✓✓✓✓
Clay Paviours	✓	✓✓	✓✓✓✓	x	x	✓✓	x	✓✓
Clay Pipes	✓	✓	✓✓✓✓	x	x	✓✓	✓✓	✓✓
Clay Roof Tiles	✓	✓✓	✓✓✓✓	x	x	✓✓	x	✓✓
Concrete Hard Aggregates	✓	✓	✓✓✓✓	x	x	✓✓	x	x
Concrete Paving Slabs	✓✓	✓✓✓	✓✓✓✓	x	x	✓✓✓	x	x
Concrete Pipes And Kerbs	✓✓	✓✓✓	✓✓✓✓	x	x	✓✓✓	x	x
Concrete Tiles	✓	✓✓	✓✓✓✓	x	x	✓✓	x	x
Cured Concrete	✓✓	✓✓✓	✓✓✓✓	x	x	✓✓✓	x	x
Ductile Iron	x	x	✓✓✓✓	x	x	x	x	x
Ducting	x	x	✓✓✓✓	x	x	x	x	x
Engineering Bricks	✓	✓✓	✓✓✓✓	x	x	✓✓	x	✓✓
Fibreglass	x	x	x	x	x	x	x	x
Glass	x	x	x	x	x	x	✓	x
Granite	x	x	x	x	x	x	✓	✓✓✓✓
Green Concrete	x	x	✓✓✓✓	✓✓✓	x	x	x	x
Gritstone	✓	✓✓	✓✓✓✓	x	x	x	x	x
Hard Facing Bricks	✓✓	✓✓	✓✓✓✓	x	x	✓✓	x	✓✓
Hard Paviours	✓	✓✓	✓✓✓✓	x	x	✓✓	x	x
Hard Sandstone	✓✓	✓✓	✓✓✓✓	x	x	✓✓✓	x	x
Indian Stone	x	x	✓✓✓✓	x	x	✓	x	✓✓
Lignacite Blocks	✓✓	✓✓✓	✓✓✓✓	✓✓✓	x	✓	x	x
Limestone Concrete	✓✓	✓✓✓	✓✓✓✓	x	x	✓✓✓	x	x
Marble	x	x	x	x	x	✓✓✓	✓✓✓	✓✓✓✓
Medium Block Paviours	✓✓	✓✓✓	✓✓✓✓	x	x	✓✓✓	x	x
Medium Facing Bricks	✓✓	✓✓✓	✓✓✓✓	✓	x	✓✓✓	x	✓✓
Medium Sandstone	✓	✓✓	✓✓✓✓	✓✓✓	x	✓✓	x	x
Mortar Raking	x	x	x	x	✓✓✓	x	x	x
Non-Ferrous Metals	x	x	✓✓✓✓	x	x	x	x	x
Plastics	x	x	x	x	x	x	x	x
Porcelain	x	x	x	x	x	x	✓	✓✓✓✓
Reinforced Concrete Lintels	✓	✓✓✓	✓✓✓✓	x	x	✓✓✓	x	x
Rubber	x	x	x	x	x	x	x	x
Sheet Metal	x	x	✓✓✓	x	x	x	x	x
Slate	✓✓	✓✓✓	✓✓✓✓	x	x	✓✓✓	✓✓	✓✓
Steel	x	x	✓✓✓✓	x	x	x	x	x
Top Blocks	x	x	✓✓✓✓	✓✓✓	x	✓	x	x
Wood	x	x	x	x	x	x	x	x

<b>Occasional</b>	✓
<b>Good</b>	✓✓
<b>Excellent</b>	✓✓✓
<b>Optimum</b>	✓✓✓✓
<b>Not Suitable</b>	x

**Occasional**  
performance and blade life.



**Good**  
Good all round cutting performance and blade life.



**Excellent**  
Excellent cutting performance, good blade life & cutting speed.



**Optimum**  
The highest cutting performance, with the best blade life and speed.



Please visit our 'Easy Blade Selector' available at: [www.faithfulltools.com/c/diamond-blades](http://www.faithfulltools.com/c/diamond-blades)