

Our R+D department carefully works on the development of new blades able to optimize their performance to the maximum

## Materials

- Granite
- Marble
- Limestone
- Sandstone
- Slate
- Basalt
- Others

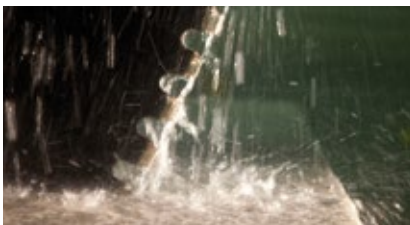


## Raw material quality selection

The **Winterstone** product range includes not only standard cores, but also the innovative WISPERO and TECHNO (low-noise) cores.

This core features remarkable noise reduction, by up to 10 dB(A) - an important factor for health & safety and environmental protection.

## Definitions



**LCS · Large Circular Saws**  
Ø between 1.500 mm and 3.500 mm

Being the pioneer of the **LCS** technology, **Winterstone** created the biggest diameters and the "Pagoda" segments.



**SCS · Small Circular Saws**  
Ø between 300 and 1.500 mm

Matching perfectly your requirements - regardless of the type of stone and/or machine used.



**MBG · Multi Blade Granite**  
Ø between 900 and 1.600 mm

Since 1987 **Winterstone** has been the leader in **MGB** production, supplying its tools to the most relevant or major players of the stone processing industry.

### Diamond segments

The diamond concentration on the sides and inner part of the segments is carefully calculated in order to provide a uniform wearing of the tool, hence, providing our customers with a stable and deviation-free cut.

### Conical and Pagoda segments

The conical shape of our segments:

1. Reduces side friction due to small flank height
2. Provides low power consumption
3. Creates greater flank stability



## Parameters

RECOMMENDED PARAMETERS BY STONE										
Diameter Ø			1000	1200	1300	1600	2000	2500	2700	3000
GRANITE	Vmin	M/s	25	25	25	25	25	25	25	25
		RPM	480	400	370	300	240	190	180	160
	Vmax	M/s	32	32	32	32	32	32	32	32
		RPM	610	510	470	380	305	245	225	200
MARBLE	Vmin	M/s	40	40	40	40	40	40	40	40
		RPM	760	640	590	480	380	310	280	260
	Vmax	M/s	55	55	55	55	55	55	55	55
		RPM	1050	880	810	660	530	420	390	350
SANDSTONE	Vmin	M/s	50	50	50	50	50	50	50	50
		RPM	960	800	740	600	480	380	350	320
	Vmax	M/s	70	70	70	65	65	65	65	65
		RPM	1340	1110	1030	775	620	500	460	415