



## Materials

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

## Characteristics

**Winterstone** has a wide range of products conceived to deal with all kind of materials, machinery type and customer requests.



## Applications

### Quarrying

**Winterstone** has 3 types of diamond wires available for block extraction:

1. Diamond wire with steel springs
2. Diamond wire assembled in plastic and/or springs
3. Diamond wire assembled in rubber

**Winterstone** quarry wires are installed in the best known quarries of the world with excellent performances and results, meeting every specific need, even under the most demanding conditions. To mention some of them: Porriño (Spain), Virginia (USA), Rustenburg (South Africa), Novelda (Spain), Veracruz (Mexico), ...



### Squaring

Today, the block transforming machines provide many possibilities for further machining of raw blocks:

1. Block Trimming
2. Cut-off of outer crust of block
3. Slab production

The assembly of the the wires used for the purpose above is exactly the same as those used for Quarrying.

### Profiling

This application uses the 7.3mm diameter **Winterstone** contour wire saw with plastic coating.

This wire sawing technology allows economic production of memorial stones with curved head shapes, and any other type of cut into the stone.



## Types of wires

### Granite

#### S Series for up to 75Hp machines

S56	Universal Beads for granites between categories 1 <sup>st</sup> and 3 <sup>rd</sup> .
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Performance: From 6 to 25 m<sup>2</sup>/linear meter

#### T Series for machines above 75Hp

T33	Granite categories 1&2
T37	Granite categories above category 4

Performance: From 10 to 35 m<sup>2</sup>/ linear meter

### Marbles / Limestones

#### MK Series (Hard and compact stones)

MK02	For semi-abrasive stones
MK11	For abrasive stones. High performance.

Performance: From 30 to 80 m<sup>2</sup>/linear meters

#### MT Series (Compact and/or crystalline stones)

MT51	For abrasive stones. High performance
MT53	For Hard and abrasive stones. High performance

Performance: From 30 to 80 m<sup>2</sup>/linear meters

#### MZ Series (Compact and/or crystalline stones)

MZ04	Crystalline Stone: Semiabrasive
MZ07	Dry cut

### Other kind of stones

S55	Slate: Very hard – Medium to High abrasivity
S42	Basalt: Low to médium hardness – Medium abrasivity

Performance: From 6 to 15 m<sup>2</sup>/linear meters

### Concrete and Steel cutting bead

#### Spider VB, for an outstanding speed of cutting

In parallel to the traditional sintered process, Winterstone R&D department has developed an innovative technology for the production of the Spider VB wire to enhance the cutting speed with exceptional diamond retention. Therefore, Spider VB beads represent a better choice than electroplated beads if you are looking for an optimal quality/price solution.

No matter which material you use them for, either for steel, concrete or natural stone, Spider VB offers a unique alternative on the market.



## Assembly

	SLATE	GRANITE	MARBLE	SANDSTONE	LIMESTONE	PSC
RUBBER		36-40				40-45
PLASTIC	30-32					
PLASTIC+ SPRING		35-40		32		
SPRING			28-32		28-32	
RUBBER+ SPRING				40		

