

ZENESIS™

BRIDGE SAW BLADES RPM & FEED RATE CHARTS



We recommend bridge saw blade to run between 6000 - 7700 surface feet per minute depending on the application material. Please refer below to corresponding RPM speeds:

RPM

BLADE DIAMETER	MED. GRANITE	HARD GRANITE	QUARTZITE	MARBLE	SINTERED STONE
12"	2000 - 2300 RPM	1900 - 2100 RPM	1900 - 2100 RPM	3100 RPM	1900 - 2100 RPM
14"	1700 - 2000 RPM	1650 - 1800 RPM	1650 - 1800 RPM	2800 RPM	1650 - 1800 RPM
16"	1500 - 1800 RPM	1450 - 1600 RPM	1450 - 1600 RPM	2400 RPM	1450 - 1600 RPM
18"	1300 - 1600 RPM	1300 - 1400 RPM	1300 - 1400 RPM	2150 RPM	1300 - 1400 RPM
20"	1200 - 1450 RPM	1200 - 1300 RPM	1200 - 1300 RPM	1900 RPM	1200 - 1300 RPM
24"	990 - 1190 RPM	970 - 1060 RPM	970 - 1060 RPM	1600 RPM	970 - 1060 RPM

Feed Rates

ZENESIS™ BLADE	MED. GRANITE	HARD GRANITE	QUARTZITE	MARBLE	SINTERED STONE
OBSIDIAN	5 - 17 ft./min.	5 - 17 ft./min.	1 - 5 ft./min.	5 - 9 ft./min.	3 - 8 ft./min.
BLACK 4	5 - 17 ft./min.	5 - 17 ft./min.	1 - 5 ft./min.	x	x
CARBON 2	5 - 17 ft./min.	5 - 17 ft./min.	5 - 17 ft./min.	x	3 - 8 ft./min.
II	5 - 10 ft./min.	5 - 10 ft./min.	x	x	x
MARBLE	x	x	x	5 - 9 ft./min.	x
QUARTZITE 2	5 - 17 ft./min.	5 - 17 ft./min.	4 - 10 ft./min.	x	x
Z-PATTERN	5 - 10 ft./min.	5 - 10 ft./min.	1 - 4 ft./min.	x	x

Optimal feed rates will vary depending on the saw being used. We recommend starting at the lower rpm and feed rates provided above and gradually increase until the finish is no longer ideal and/or the amp draw exceeds the manufacturer's recommendation. For miter cuts recommended feed rates should be reduced by 20-30%.