

LASER ENGRAVING SLATE

Laser engraveable slate is a soft, fine grained, deep gray stone that lasers beautifully. This rustic substrate offers excellent opportunities for those unique projects that can set you apart from the crowd.

How to Laser Slate

- Clean the stone with a cloth dampened with 70% isopropyl alcohol to remove any dust or debris and allow to dry.
- Place blank slate onto the laser bed so it is flat and level. Focus laser lens to the surface of the slate. **Note:** As a natural substrate, slate does have an uneven surface. To ensure equipment safety and optimal results, focus to highest surface point.

Laser Settings

- 75 watt CO2 | Power – 40% | Speed – 100% | DPI 600 | 1 Pass
- Recommended settings to achieve deeper engraving for paint fill applications: Power 100% | Speed 5% | 1 Pass
- 40 watt Fiber | Power – 40% | Speed – 10% | Frequency 50 – 100
- Fiber laser marking produces a brighter mark than a CO2 laser source offering more contrast between the mark and the darkness of the slate.

Note: Settings noted above are intended as safe guidelines and may need minor adjustments to achieve optimal results.

Clean Up

- Remove slate from laser and gently wipe with damp cloth.



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