

SHOT BLASTER

CONCRETE PERFORMANCE GUIDE



A95

8-INCH 110V SHOT BLASTER

| APPLICATION | SQ FT/HR | ABRASIVE SIZE | ABRASIVE CONSUMPTION | BLAST WHEEL DURATION (HOURS) | LINER DURATION (HOURS) | SURFACE PROFILE |
|--------------------------------|----------|---------------|----------------------|------------------------------|------------------------|-----------------|
| Brush Blast | 400 | 280-330 | 10-15 lbs/hr | 50 | 200 | Fine |
| New - Penetrating Sealer | 300 | 280-330 | 10-15 lbs/hr | 50 | 200 | Fine |
| Dirt and Sealer | 250 | 280 | 10-15 lbs/hr | 50 | 200 | Fine |
| Light Dirt and Grease | 250 | 280 | 10-15 lbs/hr | 50 | 200 | Fine |
| Heavy Dirt and Grease | 200 | 280 | 10-15 lbs/hr | 40 | 175 | Medium |
| Old, Worn Surface - Heavy Dirt | 150 | 330 | 15 lbs/hr | 30 | 175 | Medium |
| Tile Mastic Removal | 150 | 330 | 15-20 lbs/hr | 30 | 175 | Medium |
| Creosote Removal | 100 | 330 | 15-20 lbs/hr | 30 | 175 | Medium |
| Urethane 5 Mil | 100 | 330 | 15-20 lbs/hr | 40 | 175 | Medium |
| Urethane 5-10 Mil | 90 | 330 | 15-20 lbs/hr | 40 | 170 | Coarse |
| Urethane Exceeding 10 Mil | | | | Not Recommended | | |
| Epoxy - Thin Paint Coat | 90 | 330 | 15-20 lbs/hr | 20 | 150 | Medium |
| Epoxy - Self Leveling | 40 | 330 | 15-20 lbs/hr | 30 | 150 | Coarse |
| *Epoxy 1/8 to 1/4 Top | 90 | 330 | 20-25 lbs/hr | 30 | 140 | Medium |
| Concrete Removal 1/16" | 75 | 330 | 25-30 lbs/hr | 25 | 120 | Coarse |
| Concrete Removal 1/8" | | | | Not Recommended | | |
| Concrete Removal 1/4" | | | | Not Recommended | | |

*Well bonded epoxy is harder than the concrete it is applied to. It can not be removed without causing deep blasting damage to the concrete. In most applications, the epoxy needs only to be thoroughly cleaned and profiled for new coatings or topping to properly bond.



The production rates, abrasive consumption, and wear part duration may vary due to job site variations. There is no guarantee on these rates and are approximates and should be used accordingly.

| Brush Blast | Abrasive Consumption | | |
|--------------|----------------------|----------------------|------------------------|
| | Estimated Time | Abrasive Consumption | Number of Blast Wheels |
| 1,000 SQ FT | 2.5 hours | 38 lbs. | 1 |
| 5,000 SQ FT | 12.5 hours | 188 lbs. | 1 |
| 10,000 SQ FT | 25 hours | 375 lbs. | 1 |

Recommended Vacuum
National DL2000

Power
110V Single Phase
Cable length - 200 feet max
Cable type - 10/3 AWG