

SHOT BLASTER

CONCRETE PERFORMANCE GUIDE

A97



10-INCH 230V THREE PHASE SELF PROPELLED SHOT BLASTER

APPLICATION	SQ FT/HR	ABRASIVE SIZE	ABRASIVE CONSUMPTION	BLAST WHEEL DURATION (HOURS)	LINER DURATION (HOURS)	SURFACE PROFILE
Brush Blast	1300	280-330	15-20 lbs/hr	50	150	Fine
New - Penetrating Sealer	1100	280-330	15-20 lbs/hr	50	150	Fine
Dirt and Sealer	800	280	15-20 lbs/hr	40	150	Fine
Light Dirt and Grease	800	280	15-20 lbs/hr	40	150	Fine
Heavy Dirt and Grease	800	280	20 lbs/hr	40	130	Medium
Old, Worn Surface - Heavy Dirt	600	330	20-25 lbs/hr	30	120	Medium
Tile Mastic Removal	500	330	20-25 lbs/hr	30	120	Medium
Creosote Removal	600	330	20-25 lbs/hr	30	120	Medium
Urethane 5 Mil	800	330	15-20 lbs/hr	40	130	Medium
Urethane 5-10 Mil	600	330	20-30 lbs/hr	40	130	Coarse
Urethane Exceeding 10 Mil	500	330	25-30 lbs/hr	35	100	Medium
Epoxy - Thin Paint Coat	700	330	20 lbs/hr	25	90	Medium
Epoxy - Self Leveling	400	330	20 lbs/hr	30	120	Coarse
*Epoxy 1/8 to 1/4 Top	600	330	25 lbs/hr	30	120	Medium
Concrete Removal 1/16"	400	330	25-30 lbs/hr	25	90	Coarse
Concrete Removal 1/8"	300	330	30 lbs/hr	25	90	Coarse
Concrete Removal 1/4"	200	330	35 lbs/hr	25	90	Coarse

*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	45 minutes	15 lbs.	1
5,000 SQ FT	3.8 hours	76 lbs.	1
10,000 SQ FT	7.6 hours	152 lbs.	1

Recommended Vacuum
National DL4000P

Power
230V Three Phase
Cable length - 200 feet max
Cable type - W 4/4 AWG

Minimum Generation
40 KW/KVA

