

# Sponge-Jet Media Productivity Guide

## Typical Productivity Rate\* (m<sup>2</sup>/hr)



Sponge-Jet Media Type: Surface Profile (µ):	Green <12	White SPOCC <12	White Plastic <12	White Glass <12	Silver 500 >12	Silver 320 >12	Silver 220 >18	Silver 120 25	Brown Starblast® 50	Silver 80 50	Silver 60 62	Silver 30 75	Red G40 100-125	Silver 16 100-125
<b>Cleaning</b>														
Dirt-Grease-Oil Removal	22-34	5.6-11	5.6-11											
Fire Damage Remediation	22-34	5.6-11	5.6-11	4.2-6	7-8.5	11-17	11-20							
Copper-Bronze-Tile	5.6-11	5.6-11	7-8.5	5.6-7	5.6-11	8.4-9.8	11-17	12.5-14						
<b>Specialty Surface Preparation</b>														
Historic Substrate Restoration	5.6-11	5.6-11	5.6-11	5.6-7	5.6-11	7-10	11-14	11-14	11-17	11-20				
Aerospace		8.4-9.8	11-17		11-17	11-17	11-17							
Coatings Removal By Layer		8.4-9.8			5.6-11	11-17	11-20							
Tenacious Contaminant Removal	2.8-6	2.8-11	5.6-7	11-12.5	11-17	11-20	12.5-17	11-12.5	9.8-11					
Thin Coatings Removal			5.6-11	5.6-11	5.6-11	11	8.4-14	11-17	11-17					
Turbine Preparation				8.4-11						8.4-14	8.4-14			
Nuclear Remediation	22-34			5.6-11	5.6-11	5.6-11	11-17	5.6-11	8.4-14	8.4-14	9.8-12.5	11-14		
<b>Stripping</b>														
Coatings Removal From Concrete									4.2-6	5.6-14	5.6-15.5	11-17		
Coatings Removal From Wood					5.6-11	5.6-11	8.4-11	11-12.5	11-12.5	11-12.5				
Brush Blasting								11-12.5	12.5-17	12.5-20	12.5-22	17-22	17+	17+
<b>Industrial Coatings Removal</b> (Assumes SP-10 / NACE-2 on mild steel. )**														
Alkyd-Latex						5.6-11	5.6-11	7-12.5	8.4-11	8.4-12.5	12.5-14	14-15.3	8.4-14	8.4-14
Epoxy-Urethane						2.8-6	2.8-6	2.8-6	5.6-7	8.4-9.8	9.8-11	11-12.5	14-17	14-17
Enamel-Zinc-Galv.								4.2-6	5.6-7	5.6-8.4				
Elastomeric Coatings												11-20	5.6-11	8.4-14
High Solids Epoxy									4.2-6	5.6-7	7-8.5	8.4-11	9.8-14	9.8-15
Scale-Pack Rust Removal												5.6-7	8.4-12.5	8.4-12.5
Anti-wear Coating Removal												5.6-11	8.4-14	11-17

**Key:**

	Most Frequently Employed In This Method
	Occasionally Employed In This Method
	Not Typically Employed In This Method

Copyright ©2002 Sponge-Jet, Inc. All rights reserved.

\*Productivity rates will vary. Rates indicated are intended to include variation from flat unobstructed work (fastest production) to common intricate work. It also assumes use of average working mix on typical coating thickness found. Sustained nozzle pressure of 6 bar (90 PSI) when appropriate, using a 12 mm (1/2 inch) #8 venturi nozzle.

\*\*Productivity rates are based on SSPC/NACE minimum surface preparation levels of SP-10 / NACE-2 / Near White Metal. More or less stringent surface preparation levels will effect productivity.

# Sponge-Jet Media Productivity Guide

## Typical Productivity Rate\* (ft<sup>2</sup>/min)



Sponge-Jet Media Type: Surface Profile (mils):	Green <.5	White SPOCC <.5	White Plastic <.5	White Glass <.5	Silver 500 >.5	Silver 320 >.5	Silver 220 >.75	Silver 120 1	Brown Starblast® 2	Silver 80 2	Silver 60 2.5	Silver 30 3	Red G40 4 to 5	Silver 16 4 to 5
<b>Cleaning</b>														
Dirt-Grease-Oil Removal	4-6	1-2	1-2											
Fire Damage Remediation	4-6	1-2	1-2	.75-1	1.25-1.5	2-3	2-3.5							
Copper-Bronze-Tile	1-2	1-2	1.25-1.5	1-1.25	1-2	1.5-1.75	2-3	2.25-2.5						
<b>Specialty Surface Preparation</b>														
Historic Substrate Restoration	1-2	1-2	1-2	1-1.25	1-2	1.25-1.75	2-2.5	2-2.5	2-3	2-3.5				
Aerospace		1.5-1.75	2-3		2-3	2-3	2-3							
Coatings Removal By Layer		1.5-1.75			1-2	2-3	2-3.5							
Tenacious Contaminant Removal	.5-1	.5-2	1-1.25	2-2.25	2-3	2-3.5	2.25-3	2-2.25	1.75-2					
Thin Coatings Removal			1-2	1-2	1-2	2	1.5-2.5	2-3	2-3					
Turbine Preparation				1.5-2						1.5-2.5	1.5-2.5			
Nuclear Remediation	4-6			1-2	1-2	1-2	2-3	1-2	1.5-2.5	1.5-2.5	1.75-2.25	2-2.5		
<b>Stripping</b>														
Coatings Removal From Concrete									.75-1	1-2.5	1-2.75	2-3		
Coatings Removal From Wood					1-2	1-2	1.5-2	2-2.25	2-2.25	2-2.25				
Brush Blasting								2-2.25	2.25-3	2.25-3.5	2.25-4	3-4	3+	3+
<b>Industrial Coatings Removal</b> (Assumes SP-10 / NACE-2 on mild steel. )**														
Alkyd-Latex						1-2	1-2	1.25-2.25	1.5-2	1.5-2.25	2.25-2.5	2.5-2.75	1.5-2.5	1.5-2.5
Epoxy-Urethane						.5-1	.5-1	.5-1	1-1.25	1.5-1.75	1.75-2	2-2.25	2.5-3	2.5-3
Enamel-Zinc-Galv.								.75-1	1-1.25	1-1.5				
Elastomeric Coatings												2-3.5	1-2	1.5-2.5
High Solids Epoxy									.75-1	1-1.25	1.25-1.5	1.5-2	1.75-2.5	1.75-2.75
Scale-Pack Rust Removal												1-1.25	1.5-2.25	1.5-2.2
Anti-wear Coating Removal												1-2	1.5-2.5	2-3

**Key:**

	Most Frequently Employed In This Method
	Occasionally Employed In This Method
	Not Typically Employed In This Method

Copyright ©2002 Sponge-Jet, Inc. All rights reserved.

\*Productivity rates will vary. Rates indicated are intended to include variation from flat unobstructed work (fastest production) to common intricate work. It also assumes use of average working mix on typical coating thickness found. Sustained nozzle pressure of 6 bar (90 PSI) when appropriate, using a 12 mm (1/2 inch) #8 venturi nozzle.

\*\*Productivity rates are based on SSPC/NACE minimum surface preparation levels of SP-10 / NACE-2 / Near White Metal. More or less stringent surface preparation levels will effect productivity.