

ISSA The Experts
on Cleaning and Maintenance

The Official ISSA 447 Cleaning Times
is part of the ISSA E.Z. Trainer System
© 2003 All Rights Reserved
ISBN 0-9717810-3-6

The Official ISSA

447
CLEANING TIMES

John Walker

ISSA The Experts
on Cleaning and Maintenance

International Sanitary Supply Association, Inc. • ©2003, All Rights Reserved.

TABLE OF CONTENTS

Introduction	5
Empty and Fill Times	9
Cleaning Worker Travel Speeds	10
General Cleaning	11
Healthcare Cleaning	13
Trash Removal	16
Clean & Polish Surfaces	17
Restroom Service	18
Carpet Care	19
Hard Floor Care	23
Stairways & Landings	29
Overhead Services	30
Miscellaneous Services	31
Windows	32
Team Cleaning	33
Coverage of Various Solutions, Metric Conversions	34
Time to Square Foot, Time in Worker Hours	35
Custom Times	36



INTRODUCTION

How much time will it take? The fundamental question for all cleaning tasks. The cleaning operation is the sum of the separate tasks. So time is the crucial factor in the success of any cleaning business.

It is necessary to evaluate how much time it takes to clean a given area. Determining the proper amount of time is difficult. Two workers with the same tools, instructions, and area will clean at a different pace.

ISSA's 447 Cleaning Times (hereafter 447 Times) has been developed through the years from ISSA's member firms. 447 Times provides a set of average cleaning times for most cleaning functions. Average cleaning time is the normal time required for a qualified worker, working at a comfortable pace, to complete an operation when following a prescribed method.

The first effort to provide cleaning industry time standards was developed by the late John A. Joerg, former ISSA Executive Director. The device that provided the time estimates was the Area Cleaning Time Calculator and instruction booklet. These materials were introduced to the industry in 1963 at the National Sanitary Supply Association (precursor to ISSA) Convention in Chicago. This original estimator was a slide rule type cleaning time calculator. Between the original introduction of the cleaning time estimator and the present, ISSA has continuously worked to refine the estimator's cleaning times to make it a valuable estimating tool.

In 1990, ISSA offered a new format for cleaning times in ISSA's 292 Cleaning Times (292 Times). This booklet provided a more extensive listing of cleaning functions than the earlier cleaning time calculators. Its "job list" format was simpler for cleaning managers more comfortable with a table of times than a slide rule.

In 1994, 292 Times was updated revised and reissued as ISSA's 310 Cleaning Times (310 Times). This new listing added several new technologies which had been introduced or improved since the original 292 Times. 310 Times also contained the first reference to robotics in any ISSA cleaning times publication.

ISSA's Cleaning Times series is designed to assist the estimating procedure so that a fair assessment of the total hours of labor required for a cleaning program can be determined. This time data represents average cleaning times.

When calculating cleaning times, many variables must be considered. These include: the age of the building, design of the building, climate, season, outside soil, placement of custodial closets, type of floors and walls, custodial training, day vs. night cleaning shifts, vandalism, etc.

By using a set of uniform conditions, ISSA has formulated 447 cleaning times. These times are approximate. They are intended as a benchmark for a more thorough time and motion study within the complexities of your own facility. All times are based on the following external conditions:

- Each cleaner must have enough materials, supplies and equipment to do the work.

- Cleaners must be adequately trained to do the task with the materials and supplies available.
- Each cleaner must show the ability to do the standard using existing supplies.
- Cleaners must be aware there is a specific time expectation.
- Each cleaning worker is regularly evaluated to provide ongoing adherence to cleaning times standards.

There are five different methods to calculate cleaning times.

Detail Method

This method lists a time for each specific cleaning activity. These times are allocated on a square foot/square meter, lineal foot/meter, or item basis. Total cleaning times are calculated as the sum of the product of incremental times and the number of unit items.

Square Foot per Day Method

This method defines the average number of square meters/feet a worker can clean during a given day. Accurate cleaning times are determined by measuring and recording the actual work completed during a given period in a facility. These numbers must be modified depending on what types of areas (i.e. restrooms, offices, general building cleaning) are being cleaned.

Area Method

Times calculated by the area method are based on estimations by an experienced supervisor or estimator. Cleaning workers are assigned a certain number of areas, or kinds of spaces, to clean during a given work day.

Fixture Method

This method is frequently used to determine cleaning times in restrooms. The cleaning time is calculated by applying a time factor to each type of fixture (i.e. three minutes per toilet). That number, multiplied by the total number of fixtures, equals the total cleaning time. A restroom fixture includes toilets, urinals and sinks. It does not include mirrors, paper dispensers or trash receptacles.

Combination Method

This method uses the Detail Method's times, and groups activities typically performed in a particular area into a matrix. Then an estimated frequency for the activities is assigned. The resulting numbers may be expressed in both time per square foot and time per fixture.

447 Cleaning Times supplies calculating times for all five methods. This publication is not a time and motion study. It is an estimating guide. Most of these times could be improved after actual on-site productivity studies.

This publication does not substitute for adequate training and properly operated equipment.

New In This Edition

The Official ISSA Cleaning Times booklet continues to grow in popularity. This edition is the fourth upgrade of ISSA's cleaning times. The last edition enjoyed seven separate printings in three different languages.

In this new edition we have added information that expands the usefulness of the book to the cleaning professional. We have added several new times related to improved cleaning industry technology. Flat mops, microfiber and back pack applicators have all emerged as tools that needed inclusion.

Overlooked tools from previous editions have also been added. The list includes escalator cleaning machines, electric sprayers and counter rotating brush machines.

The largest area of additions came in the floor care categories. It was suggested that machines using a single pass pattern to clean (i.e. larger self-contained carpet extractors, auto scrubbers, burnishers) be listed differently than machines that use overlap cleaning (upright vacuums, box and wand carpet extractors, small self contained carpet extractors, floor machines, etc.).

For the first time we are listing two categories of times for each of the single pass cleaning machines. The two categories are "Theoretical" times and "Practical" times.

Theoretical times are calculated by multiplying the cleaning width of the machine with a typical and representative travel speed. Although theoretically the machine could clean at these speeds, in actual practice it would be impossible.

Practical times were calculated by reducing the Theoretical times using a consistent set of variables for deductions of productivity from the Theoretical (maximum) speed possible. The deduction variables included cleaning path overlap, turning corners, capacity of solution tank, solution usage rate, fill tank and empty tank travel to and from the service closet. All these variables reduce cleaning speeds.

Practical times are the best attempt to "guesstimate" some standard deviations from the theoretical time that would lower the speed to a more typical cleaning situation. We standardized the practical variables and published them in the section "Basic Cleaning Worker Travel Speeds." You can apply your own assumptions and calculate from Theoretical times to describe your own situation.

John Walker
October 2003

We would like to acknowledge John Walker of ManageMen for compiling the data and preparing the 447 Cleaning Times.

John Garfinkel
Executive Director

Empty and Fill Times

SOLUTION FILLING TIMES		Minutes
1	1 gallon	0.25 minutes
2	2 gallon	0.5 minutes
3	4 gallon	1.0 minute
4	5 gallon	1.25 minutes
5	10 gallon	2.5 minutes
6	20 gallon	5.0 minutes
7	25 gallon	6.25 minutes
8	100 gallon	25.0 minutes
9	250 gallon	52.25 minutes
EMPTY AND RINSE TIMES		
10	1 gallon	0.25 minutes
11	2 gallon	0.5 minutes
12	4 gallon	1.0 minute
13	5 gallon	1.25 minutes
14	10 gallon	2.5 minutes
15	20 gallon	5.0 minutes
16	25 gallon	6.25 minutes
17	100 gallon	25.0 minutes
18	250 gallon	52.25 minutes

Cleaning Worker Travel Speeds

CRAWL SPEED		Linear feet per min.	Mile per hour
19	Spray, scrub, wipe build-up removal by hand along mop boards	10 ft/minute	0.13 mph
WALKING			
20	Walking very slowly or backward	88 ft/minute	1.0 mph
21	Walking slowly	132 ft/minute	1.5 mph
22	Walk-behind non-propelled unit	150 ft/minute	1.7 mph
23	Reference point speed #1*	176 ft/minute	2 mph
24	Walk-behind wheel-propelled unit	200 ft/minute	2.3 mph
25	Reference point speed #2*	220 ft/minute	2.5 mph
26	Reference point speed #3*	264 ft/minute	3 mph
RIDING A CLEANING MACHINE			
27	Riding auto-scrubber cleaning speed	275 ft/minute	3.1 mph
28	Riding sweeper maximum speed	378.4 ft/min.	4.3 mph
29	Reference point speed #4*	440 ft/minute	5.0 mph
RIDING A TRANSPORTATION MACHINE			
30	Golf Cart	880 ft/minute	10.0 mph
31	Vehicle	1,760 ft/minute	20.0 mph

*Reference point speeds are provided to assist in calculating additional travel speeds.



General Cleaning

CLASSROOM SERVICE		Sq. Ft.	Minutes	Sq. Ft. Hr.
32	Trash/Dust with Duster/Clean Chalkboard/Dust mop Floor	1,000	9.40	6,393
33	Trash/Dust with Duster/Clean Chalkboard/Damp Mop Floor	1,000	16.00	3,750
34	Trash/Dust with Duster/Clean Chalkboard/Tank Vacuum Floor	1,000	12.20	4,918
35	Trash/Dust with Duster/Clean Chalkboard/Upright vacuum Floor	1,000	14.00	4,286
36	Trash/Dust with Treated Cloth/Clean Chalkboard/Dustmop floor	1,000	10.40	5,769
37	Trash/Dust with Treated Cloth/Clean Chalkboard/Damp Mop floor	1,000	17.00	3,529
38	Trash/Dust with Treated Cloth/Clean Chalkboard/Tank Vacuum floor	1,000	14.60	4,110
39	Trash/Dust with Treated Cloth/Clean Chalkboard Upright Vacuum Floor	1,000	15.40	3,896
40	Trash/Dust with Scrap-Trap Type Vacuum/Clean Chalkboard/Portable Vacuum Floor	1,000	10.50	5,714
41	Trash/Dust with Back-Pack Vacuum/Clean Chalkboard/Back-Pack Vacuum Floor	1,000	11.00	5,455
CORNERS / CREVICES				
42	Detail Clean with Trigger Sprayer & Cloth	150	4.50	2,000
43	Detail Clean with Hand Held Duster Vacuum	150	3.80	2,368
44	Detail Clean with Tank/Canister Vacuum	150	4.05	2,222
45	Detail Clean with Back-Pack Vacuum	150	3.15	2,857
DISINFECTING SURFACES				
46	Damp Wipe Surface With Disinfectant	150	2.88	3,125
DUSTING SURFACES				
47	Dust with Duster	150	0.90	10,000
48	Dust with Treated Cloth	150	1.80	5,000
49	Damp Wipe with Trigger Sprayer & Cloth	150	2.88	3,125
50	Dust with hand-Held duster Vacuum	150	1.95	4,615
51	Dust with Tank/Canister Vacuum	150	2.25	4,000
52	Dust with Back Pack Vacuum	150	1.62	5,556
FURNITURE UPHOLSTERED				
53	Vacuum with Hand-Held Duster Vacuum	25	2.10	714

General Cleaning

FURNITURE UPHOLSTERED		Sq. Ft.	Minutes	Sq. Ft. Hr.
54	Vacuum with Tank/Canister Vacuum	25	2.55	588
55	Vacuum with Back-Pack Vacuum	25	2.10	714
GLASS DOOR & HARDWARE				
56	Clean using Trigger Sprayer & Cloth (2 Sides)	—	3.00	—
GLASS PANEL/PARTITION				
57	Clean using Trigger Sprayer & Cloth	30	3.42	526
GLASS DISPLAY CASE				
58	Clean using Trigger Sprayer & Cloth	10	1.14	526
GUEST ROOM SERVICE				
59	Trash/Dust Make Bed/Sanitize Bathroom/Replace Linen & Supplies/Vacuum	200	16.8	714
HAND RAILS/BANISTER				
60	Dust with Duster	48	0.29	9,931
61	Dust with Treat Cloth	48	0.58	4,966
62	Damp Wipe with Trigger Sprayer & Cloth	48	0.86	3,349
MATS, WALK-OFF				
63	Vacuum with 12' Upright Vacuum	36	1.08	2,000
64	Vacuum with Tank/Canister with 12' Vacuum Shoe	36	1.08	2,000
65	Vacuum with Back-Pack Vacuum	36	0.95	2,274



Healthcare Cleaning

HEALTHCARE CLEANING		Minutes
66	Autoclave, Interior	1.00
67	Autoclave, Exterior	6.45
68	Bassinets, Nursery: Damp Wipe	2.00
69	Bathroom, Shower Fixtures: Damp Wipe	0.67
70	Bathroom, Shower Stall: Damp Wipe	1.50
71	Bathroom, Soap Dispenser: Damp Wipe	0.17
72	Bathroom, Call Switch: Damp Wipe	0.05
73	Bathtub, Fixtures: Damp Wipe	0.58
74	Bathtub: Damp Wipe	2.00
75	Bed Frame: Damp Wipe	2.80
76	Bed Footboard: Damp Wipe Sprayer	0.25
77	Bed Pan: Clean	0.75
78	Bed: Remove Linen	5.00
79	Bedside Commode: Empty	2.00
80	Bedside Commode: Clean	0.50
81	Bedside Stand: Damp Wipe	0.92
82	Bedside Call Switch: Damp Wipe	0.050
83	Blood Pressure Cuff: Damp Wipe	0.08
84	Cardiac Monitor: Damp Wipe	0.17
85	Cart, Dressing: Damp Wipe	0.50
86	Cupboard: Damp Wipe, Interior & Exterior	1.50
87	Curtains, Bed Cubical: Pull Down	2.00
88	Dispenser, Drinking Cups: Refill & Damp Wipe	1.00
89	Dumb Waiter: Damp Wipe, Interior & Exterior	1.00
90	Examination Light: Damp Wipe	0.17
91	Examination Table: Damp Wipe	0.50

Healthcare Cleaning

HEALTHCARE CLEANING		Minutes
92	Footstool: Damp Wipe	0.25
93	Grab Rail: Damp Wipe	0.10
94	Gurney: Damp Wipe	1.50
95	Hamper Stand: Damp Wipe	0.58
96	Hamper: Damp Wipe	0.75
97	Hamper Liner: Remove & Replace	0.92
98	Intercom Panel: Damp Wipe	0.67
99	IV Unit: Damp Wipe	1.50
100	IVAC Dispenser: Damp Wipe	0.17
101	Light, Wall Mounted: Damp Wipe	0.08
102	Light, Over bed: Damp Wipe	0.13
103	Light, Over sink: Damp Wipe	0.13
104	Refrigerator, Medical: Damp Wipe, Exterior	0.45
105	Scale, Weight: Damp Wipe	0.58
106	Shelf, Over sink: Damp Wipe	0.08
107	Sink, Fixtures: Damp Wipe	0.67
108	Sink: Damp Wipe	0.25
109	Sinks, Scrub: Damp Wipe	4.00
110	Sphygmomanometer: Damp Wipe	0.25
111	Table, Over bed: Damp Wipe	0.75
112	Tables Operating Room: Damp Wipe	4.00
113	Wheelchair: Damp Wipe	0.58
114	Whirlpool: Damp Wipe, Interior & Exterior	7.40
115	X-Ray Illuminator, Wall Mount: Damp Wipe	0.33

Healthcare Cleaning

PATIENT ROOM SERVICE		Sq. Ft.	Minutes	Sq. Ft. Hr.
116	Trash/Clean Disinfect Surfaces & Bath/Replace Supplies/Dust Mop Floor	150	12.60	714
117	Trash/Clean Disinfect Surfaces & Bath/Replace Supplies/Wet Mop Floor	150	16.20	556
118	Trash/Clean Disinfect Surfaces & Bath/Replace Supplies Vacuum Floor	150	14.04	641
119	Trash/Clean Disinfect Surfaces & Bath/Replace Supplies/Flat Mop Floor	150	14.40	625
SEATING, AUDIENCE TYPE, HARD SURFACE				
120	Dust with Duster	1,000	6.00	10,000
121	Dust with Treated Cloth	1,000	12.00	5,000
122	Damp Wipe with Trigger Sprayer & Cloth	1,000	18.00	3,333
SEATING, UPHOLSTERED				
123	Vacuum with Hand-Held Duster Vacuum	1,000	96.00	625
124	Vacuum with Tank/Canister Vacuum	1,000	102.00	588
125	Vacuum with Back Pack Vacuum	1,000	87.00	690
TELEPHONE, DESK				
126	Sanitize using Trigger Sprayer & Cloth/Cleaner-Disinfectant	—	0.67	—
TELEPHONE, WALL				
127	Wall: Sanitize using Trigger Sprayer & Cloth/Cleaner-Disinfectant	—	1.00	—



Trash Removal

TRASH REMOVAL		Minutes		
128	Empty Trash/Ash Trays/Pencil Sharpener & Wipe Clean	2 Each	1.00	—
129	Empty Trash/Ash Trays/Pencil Sharpener, Wipe Clean & Reine Basket	2 Each	1.50	—
TRASH PICK UP		Sq. Ft.	Minutes	Sq. Ft. Hr.
130	Pick Up Loose Debris with Lobby Pan & Porter Broom/Scrapper Up Gum	1,000	18.00	3,333



Clean & Polish Surfaces

ALUMINUM		Sq. Ft.	Minutes	Sq. Ft. Hr.
131	Clean/Polish with Trigger Sprayer/Chemical & Cloth	25	3.00	500
BRASS				
132	Clean/Polish with Trigger Sprayer/Chemical & Cloth	25	3.00	500
COPPER				
133	Clean/Polish with Trigger Sprayer/Chemical & Cloth	25	3.00	500
FURNITURE				
134	Clean/Polish with Trigger Sprayer/Chemical & Cloth	100	8.40	714
HAND RAILS/BANISTER		Lin. Ft.	Minutes	
135	Clean/Polish with Trigger Sprayer/Chemical & Cloth	100	4.46	—
STAINLESS STEEL		Sq. Ft.	Minutes	Sq. Ft. Hr.
136	Clean/Polish with Trigger Sprayer/Chemical & Cloth	10	1.20	500
WOOD PANELING				
137	Clean/Polish with Trigger Sprayer/Chemical & Cloth	100	12.00	500
WINDOW BLINDS, MINI VENETIAN				
138	Wipe with Trigger Sprayer & Cloth	32	0.96	2,000
139	Dust with Duster	32	0.58	3,310
140	Dust with Mini-Blind Brush	32	1.54	1,247
141	Dust with Treated Cloth	32	0.77	2,494
142	Vacuum with Tank/Canister Vacuum	32	0.86	2,233
143	Vacuum with Backpack Vacuum	32	0.81	2,370
144	Vacuum with Hand Held Duster Vacuum	32	0.96	2,000
145	Remove & Clean in Ultrasonic Dip & Return	4 Blinds	12.00	—

Restroom Service

RESTROOM PICK-UP SERVICE				Item	Minutes	
146	Trash/Replace Supplies Touch Up, as Needed	9 Fxtrs	3.00	—		
RESTROOM SERVICE				Item	Minutes	Sq. Ft. Hr.
147	Trash/Clean/Disinfect/Fixtures/Wipe Mirrors/Replace Supplies/Sweep Floor	9 Fxtrs	14.75	—		
148	Trash/Clean/Disinfect Fixtures/Wipe Mirrors/Replace Supplies/Dust Mop Floor	9 Fxtrs	15.60	—		
149	Trash/Clean/Disinfect Fixtures/Wipe Mirrors/Replace Supplies/Wet Mop Floor	9 Fxtrs	27.00	—		
150	Toilet cleaning with 25 gallon spray and blow-dry machine	—	1 min.	60 ea.		
151	Urinal cleaning with 25 gallon spray and blow-dry machine	—	1 min.	60 ea.		
152	Sink cleaning with 25 gallon spray and blow-dry machine	—	1 min.	60 ea.		



Carpet Care

CARPET		Sq. Ft.	Minutes	Sq. Ft. Hr.
153	Protect From Soiling using Pump Sprayer & Soil Protection Chemical	1,000	10.20	5,882
154	Soil Protection Chemical and Electric Sprayer	1,000	4.54	13,216
155	Spot Remove by testing, Applying Spot Remover & Blotting — 1 Spot	—	4.00	—
156	Bonnet Clean with Immersion Method using 17" Rotary Floor Machine	1,000	69.60	862
157	Bonnet Clean with Immersion Method using 20" Rotary Floor Machine	1,000	62.86	955
158	Bonnet Clean with Immersion Method using 21" Rotary Floor Machine	1,000	60.00	1,000
159	Bonnet Clean with Spray-On Method using 17" Rotary Floor Machine	1,000	54.00	1,111
160	Bonnet Clean with Spray-On Method using 20" Rotary Floor Machine	1,000	47.25	1,270
161	Bonnet Clean with Spray-On Method using 21" Rotary Floor Machine	1,000	44.40	1,351
162	Apply Carpet Pre-treatment using Pump Tank Sprayer	1,000	10.20	5,882
163	Apply Carpet Pre-treatment using Electric Sprayer	1,000	4.54	13,216
164	Dry Clean, Spread Dry Cleaning Compound	1,000	13.20	4,545
165	Dry Clean, Agitate Dry Compound with 12" Revolving Brushes Machine	1,000	34.80	1,724
166	Dry Clean, Agitate Dry Compound with 24" Revolving Brushes Machine	1,000	25.20	2,381
167	Dry Clean Vacuum Up Dry Compound with 12" Upright Vacuum	1,000	34.80	1,724
168	Dry Clean Vacuum Up Dry Compound with 14" Twin Motor Upright Vacuum	1,000	31.00	1,935
169	Dry Clean Vacuum Up Dry Compound with 16" Upright Vacuum	1,000	30.00	2,000
170	Dry Clean Vacuum Up Dry Compound with 18" Twin Motor Upright Vacuum	1,000	25.00	2,400
171	Dry Foam Clean using 12" Machine that Requires Separate Foam Pick-Up	1,000	34.80	1,724
172	Dry Foam Clean using 14" Machine that Requires Separate Foam Pick-Up	1,000	30.00	2,000
173	Dry Foam Clean using 18" Machine that Requires Separate Foam Pick-Up	1,000	25.20	2,381
174	Dry Foam Clean using 28" Machine that Requires Separate Foam Pick-Up	1,000	19.80	3,030
175	Dry Foam Clean using One-Pass 13" Machine with Simultaneous Foam Pick-Up	1,000	33.00	1,818
176	Dry Foam Clean using One-Pass 24" Machine with Simultaneous Foam Pick-Up	1,000	22.80	2,632
177	Extraction Clean using Portable Machine with Hose & 12" Suction Head	1,000	120.00	500
178	Extraction Clean using Portable Machine with Hose & 16" Suction Head	1,000	110.00	545

Carpet Care

CARPET		Sq. Ft.	Minutes	Sq. Ft. Hr.
179	Extraction Clean using Portable Machine with Hose & 12' Agitator Power head	1,000	64.80	926
180	Extraction Clean using Portable Machine with Hose & 14' Agitator Power head	1,000	60.00	1,000
181	Extraction Clean using Portable Machine with Hose & 17" Turbo Rotating Power Head	1,000	15.00	4,000
182	Extraction Clean with 11' direct hook-up high-flow machine	1,000	18.33	3,273
183	Extraction Clean using 11' Self-Contained, Self-Propelled Machine	1,000	55.00	1,091
184	Extraction Clean using 16' Self-Contained, Non-Propelled Machine	1,000	35.00	1,714
185	Extraction Clean using 16' Self-Contained, Self-Propelled Machine	1,000	29.00	2,069
186	Extraction Clean using 21' Self-Contained, Self-Propelled Machine: Electric	1,000	15.00	4,000
187	Extraction Clean using 22' Self-Contained, Self-Propelled Machine: Electric	1,000	14.31	4,193
188	Extraction Clean using 28' Self-Contained, Self-Propelled Machine: Battery	1,000	11.60	5,172
189	Rotary Shampoo with 175 rpm 17" Rotary Floor Machine	1,000	60.00	1,000
190	Shampoo with 20" Rotary 175 rpm Floor Machine	1,000	58.06	1,033
191	Rotary Shampoo with 175 rpm 21" Rotary Floor Machine	1,000	55.20	1,087
192	Rotary Shampoo with 350 rpm 17" Rotary Floor Machine	1,000	49.80	1,205
193	Shampoo with 20" 350 rpm Rotary Floor Machine	1,000	47.86	1,254
194	Rotary Shampoo with 350 rpm 21" Rotary Floor Machine	1,000	45.00	1,333
195	Rinse & Extract Shampoo using Portable Extractor with Hose & 12' Suction Head	1,000	60.00	1,000
196	Rinse & Extract Shampoo using Portable Extractor with Hose & 16' Suction Head	1,000	55.20	1,087
197	Scrub using One-Pass Machine with 12' Twin Cylindrical Brushes & Wet Pick-Up	1,000	27.00	2,222
198	Scrub using One-Pass Machine with 24' Twin Cylindrical Brushes & Wet Pick-Up	1,000	15.00	4,000
199	Scrub with 7" dual counter rotating brush machine and chemical application	1,000	45.94	1,306
200	Scrub with 11" dual counter rotating brush machine and chemical application	1,000	29.23	2,053
201	Scrub with 15" dual counter rotating brush machine and chemical application	1,000	21.44	2,799
202	Scrub with 30" dual counter rotating brush machine and chemical application	1,000	10.72	5,597
203	Spot Sweep with 10" Pickup sweeper	1,000	5.00	12,000
204	Vacuum with 12' Upright Vacuum	1,000	26.80	2,239

Carpet Care

CARPET		Sq. Ft.	Minutes	Sq. Ft. Hr.
205	Vacuum with 12' Upright Vacuum with automatic brush adjustment & bag fill control	1,000	24.60	2,439
206	Vacuum with 14' Upright Vacuum	1,000	21.00	2,857
207	Vacuum with 14" Twin Motor Upright	1,000	18.50	3,243
208	Vacuum with 16' Upright Vacuum	1,000	14.20	4,225
209	Vacuum with 18' Upright Vacuum	1,000	17.40	3,448
210	Vacuum with 18" Twin Motor Upright with automatic brush adjustment & bag fill control	1,000	16.40	3,659
211	Vacuum with 18" Twin Motor Upright	1,000	15.00	4,000
212	Vacuum with 20' Upright Vacuum	1,000	15.60	3,846
213	Vacuum with 22' Upright Vacuum	1,000	13.80	4,348
214	Vacuum with 24' Upright Vacuum	1,000	12.00	5,000
215	Vacuum with 26" Large Area Push-Type Vacuum	1,000	10.80	5,556
216	Vacuum with 28" Large Area Push-Type Vacuum	1,000	7.50	8,000
217	Vacuum with 30" Large Area Push-Type Vacuum	1,000	6.00	10,000
218	Vacuum with 32" Large Area Push-Type Vacuum	1,000	4.00	15,000
219	Vacuum with 34" Battery Powered Vacuum	1,000	6.50	9,231
220	Vacuum with Back-Pack Vacuum & 12" Orifice Carpet Tool	1,000	8.25	7,273
221	Vacuum with Back-Pack Vacuum & 14" Orifice Carpet Tool	1,000	8.10	7,407
222	Vacuum with Back-Pack Vacuum & 16" Orifice Carpet Tool	1,000	8.00	7,500
223	Vacuum with Back-Pack Vacuum & 18" Orifice Carpet Tool	1,000	7.75	7,742
224	Vacuum with Back-Pack Vacuum & 20" Orifice Carpet Tool	1,000	7.50	8,000
225	Vacuum with Back-Pack Vacuum & 22" Orifice Carpet Tool	1,000	6.65	9,023
226	Vacuum with Back-Pack Vacuum & 24" Orifice Carpet Tool	1,000	6.00	10,000
227	Vacuum with Scrap-Trap type Vacuum with 12" Carpet Tool	1,000	9.10	6,593
228	Vacuum with Scrap-Trap type Vacuum with 16" Carpet Tool	1,000	8.50	7,059
229	Vacuum with Tank Type/Canister Vacuum & 12" Orifice Carpet Tool	1,000	24.00	2,500
230	Vacuum with Tank Type/Canister Vacuum & 16" Orifice Carpet Tool	1,000	22.20	2,703

Carpet Care

CARPET		Sq. Ft.	Minutes	Sq. Ft. Hr.
231	Vacuum with Tank Type/Canister Vacuum & 14" Orifice Carpet Tool	1,000	20.40	2,941
232	Vacuum with Tank Type/Canister Vacuum & 18" Orifice Carpet Tool	1,000	18.60	3,226
233	Vacuum with Tank Type/Canister Vacuum & 20" Orifice Carpet Tool	1,000	16.80	3,571
234	Vacuum with Tank Type/Canister Vacuum & 22" Orifice Carpet Tool	1,000	15.00	4,000
235	Vacuum with Tank Type/Canister Vacuum & 24" Orifice Carpet Tool	1,000	13.20	4,545
236	Wet Pick-Up with Tank Type Wet Vacuum & 12" Orifice Pick-Up Tool	1,000	30.00	2,000
237	Wet Pick-Up with Tank Type Wet Vacuum & 14" Orifice Pick-Up Tool	1,000	28.20	2,128
238	Wet Pick-Up with Tank Type Wet Vacuum & 16" Orifice Pick-Up Tool	1,000	26.40	2,273
239	Wet Pick-Up with Tank Type Wet Vacuum & 18" Orifice Pick-Up Tool	1,000	24.60	2,439
240	Wet Pick-Up with Tank Type Wet Vacuum & 20" Orifice Pick-Up Tool	1,000	22.80	2,632
241	Wet Pick-Up with Tank Type Wet Vacuum & 22" Orifice Pick-Up Tool	1,000	21.00	2,857
242	Wet Pick-Up with Tank Type Wet Vacuum & 24" Orifice Pick-Up Tool	1,000	19.20	3,125



Hard Floor Care

FLOOR		Sq. Ft.	Minutes	Sq. Ft. Hr.
243	Apply Floor Finish using Mop	1,000	36.00	1,667
244	Apply Floor Finish using Lambswool Applicator	1,000	30.00	2,000
245	Apply Floor finish using Gravity-Feed Applicator	1,000	24.00	2,500
246	Refinish using 10 gallon rolling bucket ergonomic handle flat microfiber mop	1,000	5.0	12,000
247	Apply Floor Finish using back pack applicator and 24" microfiber mop	1,000	9.5	6,316
248	Apply Floor Seal using Mop	1,000	36.00	1,667
249	Apply Floor Seal using Lambswool Applicator	1,000	30.00	2,000
250	Apply Floor Seal using Gravity-Feed Applicator	1,000	24.00	2,500
251	Apply Floor Seal using back pack applicator and 24" microfiber mop	1,000	9.5	6,316
252	Apply Floor Seal using 10 gallon rolling bucket, ergonomic handle flat microfiber mop	1,000	6.5	9,231
253	Clean Baseboards with Manual Swivel Cleaning Tool & Handle	1,000	6.60	9,091
254	Clean Baseboards with Automatic Rotary Vertical Brush Machine	1,000	3.00	20,000
255	Damp Mop with 12 oz. Mop Head using Single Bucket & Wringer	1,000	16.80	3,571
256	Damp Mop with 12 oz. Mop Head using Double Bucket & Wringer	1,000	15.60	3,846
257	Damp Mop with 16 oz. Mop Head using Single Bucket & Wringer	1,000	14.40	4,167
258	Damp Mop with 16 oz. Mop Head using Double Bucket & Wringer	1,000	13.20	4,545
259	Damp Mop with 24 oz. Mop Head using Single Bucket & Wringer	1,000	12.00	5,000
260	Damp Mop with 24 oz. Mop Head using Double Bucket & Wringer	1,000	10.80	5,556
261	Damp Mop with 32 oz. Mop Head using Single Bucket & Wringer	1,000	9.60	6,250
262	Damp Mop with 32 oz. Mop Head using Double Bucket & Wringer	1,000	8.40	7,143
263	Damp Mop with 18 Flat Mop Head using Single Bucket & Wringer	1,000	2.52	23,810
264	Damp Mop using 10 gallon rolling bucket, ergonomic handle flat microfiber mop	1,000	6.5	9,231
265	Dry Buff/Polish with 175 rpm 12" Rotary Floor Machine Electric	1,000	40.20	1,493
266	Dry Buff/Polish with 175 rpm 14" Rotary Floor Machine Electric	1,000	34.80	1,724
267	Dry Buff/Polish with 175 rpm 17" Rotary Floor Machine Electric	1,000	30.00	2,000
268	Dry Buff/Polish with 175 rpm 20" Rotary Floor Machine Electric	1,000	25.20	2,381

Hard Floor Care

FLOOR		Sq. Ft.	Minutes	Sq. Ft. Hr.
269	Dry Buff/Polish with 350 rpm 17" Rotary Floor Machine Electric	1,000	19.80	3,030
270	Dry Buff/Polish with 350 rpm 20" Rotary Floor Machine Electric	1,000	15.00	4,000
271	Dry Buff/Polish with 1000 + rpm 17" Rotary Floor Machine Electric	1,000	7.20	8,333
272	Dry Buff/Polish with 1000 + rpm 20" Rotary Floor Machine Electric	1,000	6.60	9,091
273	Dry Buff/Polish with 1000 + rpm 27" Rotary Floor Machine Electric	1,000	4.80	12,500
274	Dry Buff/Polish with 2000 + rpm 17" Rotary Floor Machine Electric	1,000	6.60	9,091
275	Dry Buff/Polish with 2000 + rpm 20" Rotary Floor Machine Electric	1,000	6.00	10,000
276	Dry Burnish with 2000 + rpm 24" Burnisher - Battery - Self Propelled	1,000	3.33	18,018
277	Dry Buff/Polish with 2000 + rpm 24" Rotary Floor Machine Electric	1,000	4.80	12,500
278	Dry Buff/Polish with 2000 + rpm 27" Rotary Floor Machine Electric	1,000	4.20	14,286
279	Dry Buff/Polish with 2000 + rpm 22" Rotary Floor Machine - Battery	1,000	3.35	17,910
280	Dry Buff/Polish with 2000 + rpm 17" Rotary Floor Machine - Propane	1,000	4.30	13,953
281	Dry Buff/Polish with 2000 + rpm 20" Rotary Floor Machine - Propane	1,000	3.65	16,438
282	Dry Burnish with 2000 + rpm 24" Burnisher - Electric	1,000	4.75	12,632
283	Dry Buff/Polish with 2000 + rpm 24" Rotary Floor Machine - Propane	1,000	3.05	19,672
284	Dry Burnish with 2500 + rpm 20" Burnisher - Electric	1,000	4.80	12,500
285	Dry Burnish with 2500 + rpm 20" Burnisher - Battery	1,000	3.69	16,260
286	Dry Burnish with 2500 + rpm 20" Burnisher - Battery - Self Propelled	1,000	2.50	24,000
287	Dry Burnish with 1600 + rpm 27" Burnisher - Battery	1,000	2.72	22,059
288	Dry Burnish with 1600 + rpm 27" Burnisher - Battery - Self Propelled	1,000	1.85	32,432
289	Dry Buff/Polish with 2000 + rpm 27" Rotary Floor Machine - Propane	1,000	2.70	22,222
290	Dust Mop with 12' Mop using Dust Treatment Chemical	1,000	13.20	4,545
291	Dust Mop with 18' Mop using Dust Treatment Chemical	1,000	9.00	6,667
292	Dust Mop with 24' Mop using Dust Treatment Chemical	1,000	7.20	8,333
293	Dust Mop with 30' Mop using Dust Treatment Chemical	1,000	6.00	10,000
294	Dust Mop with 36' Mop using Dust Treatment Chemical	1,000	4.80	12,500

Hard Floor Care

FLOOR		Sq. Ft.	Minutes	Sq. Ft. Hr.
295	Dust Mop with 42' Mop using Dust Treatment Chemical	1,000	3.60	16,667
296	Dust Mop with 48' Mop using Dust Treatment Chemical	1,000	2.40	25,000
297	Dust Mop with 60' Mop using Dust Treatment Chemical	1,000	1.80	33,333
298	Dust Mop with 72' Mop using Dust Treatment Chemical	1,000	1.20	50,000
299	Dust Mop with 63" Riding Machine Mop	1,000	0.30	200,000
300	Scrub with 175 rpm 12" Floor Machine that Requires Separate Wet Pick-Up	1,000	48.00	1,250
301	Scrub with 175 rpm 14" Floor Machine that Requires Separate Wet Pick-Up	1,000	40.20	1,493
302	Scrub with 175 rpm 17" Floor Machine that Requires Separate Wet Pick-Up	1,000	31.20	1,923
303	Scrub with 175 rpm 20" Floor Machine that Requires Separate Wet Pick-Up	1,000	27.00	2,222
304	Scrub with 350 rpm 17" Floor Machine that Requires Separate Wet Pick-Up	1,000	19.80	3,030
305	Scrub with 350 rpm 20" Floor Machine that Requires Separate Wet Pick-Up	1,000	16.80	3,571
306	Scrub using One-Pass Machine with 12" Twin Cylindrical Brushes & Wet Pick-Up	1,000	12.00	5,000
307	Scrub using One-Pass Machine with 24" Twin Cylindrical Brushes & Wet Pick-Up	1,000	6.00	10,000
308	Scrub with Automatic Scrubber 17" walk-behind non-propelled unit - Theoretical	1,000	4.71	12,739
309	Scrub with Automatic Scrubber 17" Walk-behind non-propelled unit - Practical	1,000	10.14	5,917
310	Scrub with Automatic Scrubber 21" Walk-behind non-propelled unit - Theoretical	1,000	3.81	15,748
311	Scrub with Automatic Scrubber 21" Walk-behind non-propelled unit - Practical	1,000	8.21	7,308
312	Scrub with Automatic Scrubber 24" Walk-behind non-propelled unit - Theoretical	1,000	3.33	18,018
313	Scrub with Automatic Scrubber 24" Walk-behind non-propelled unit - Practical	1,000	7.18	8,357
314	Scrub with Automatic Scrubber Scrub with 20" - wheel-propelled unit - Theoretical	1,000	3.00	20,000
315	Scrub with Automatic Scrubber Scrub with 20" - wheel-propelled unit - Practical	1,000	6.47	9,274
316	Scrub with Automatic Scrubber 21" Walk-behind wheel-propelled unit - Theoretical	1,000	2.86	20,979
317	Scrub with Automatic Scrubber 21" Walk-behind wheel-propelled unit - Practical	1,000	6.16	9,740
318	Scrub with Automatic Scrubber 24" Walk-behind wheel-propelled unit - Theoretical	1,000	2.50	24,000
319	Scrub with Automatic Scrubber 24" Walk-behind wheel-propelled unit - Practical	1,000	5.39	11,132
320	Scrub with Automatic Scrubber 27" Walk-behind wheel-propelled unit - Theoretical	1,000	2.22	27,027

Hard Floor Care

FLOOR		Sq. Ft.	Minutes	Sq. Ft. Hr.
321	Scrub with Automatic Scrubber 27' Walk-behind wheel-propelled unit - Practical	1,000	4.79	12,526
322	Scrub with Automatic Scrubber 32' Walk-behind wheel-propelled unit - Theoretical	1,000	1.88	31,915
323	Scrub with Automatic Scrubber 32' Walk-behind wheel-propelled unit - Practical	1,000	4.04	14,851
324	Scrub with Automatic Scrubber 36' Walk-behind wheel-propelled unit - Theoretical	1,000	1.67	35,928
325	Scrub with Automatic Scrubber 35' Walk-behind wheel-propelled unit - Practical	1,000	3.59	16,713
326	Scrub with Automatic Scrubber 29' Rider - Theoretical	1,000	1.50	40,000
327	Scrub with Automatic Scrubber 29' Rider - Practical	1,000	3.24	18,519
328	Scrub with Automatic Scrubber 32' Rider - Theoretical	1,000	1.36	44,118
329	Scrub with Automatic Scrubber 32' Rider - Practical	1,000	2.94	20,408
330	Scrub with Automatic Scrubber 36' Rider - Theoretical	1,000	1.21	49,587
331	Scrub with Automatic Scrubber 36' Rider - Practical	1,000	2.61	22,989
332	Scrub with Automatic Scrubber 28' Rider with recycling - Theoretical	1,000	1.56	38,462
333	Scrub with Automatic Scrubber 28' Rider with recycling - Practical	1,000	3.36	17,857
334	Scrub with Automatic Scrubber 32' Rider with recycling - Theoretical	1,000	1.37	43,796
335	Scrub with Automatic Scrubber 32' Rider with recycling - Practical	1,000	2.94	20,408
336	Scrub with Automatic Scrubber 34' Rider with recycling - Theoretical	1,000	1.28	46,875
337	Scrub with Automatic Scrubber 34' Rider with recycling - Practical	1,000	2.77	21,661
338	Spray Buff with 175 rpm 12' Rotary Floor Machine & Finish Restorer	1,000	45.00	1,333
339	Spray Buff with 175 rpm 14' Rotary Floor Machine & Finish Restorer	1,000	40.20	1,493
340	Spray Buff with 175 rpm 17' Rotary Floor Machine & Finish Restorer	1,000	34.80	1,724
341	Spray Buff with 175 rpm 20' Rotary Floor Machine & Finish Restorer	1,000	30.00	2,000
342	Spray Buff with 175 rpm 24' Rotary Floor Machine & Finish Restorer	1,000	25.20	2,381
343	Spray Buff with 350 rpm 17' Rotary Floor Machine & Finish Restorer	1,000	25.20	2,381
344	Spray Buff with 350 rpm 20' Rotary Floor Machine & Finish Restorer	1,000	19.80	3,030
345	Spray Buff with 1000 + rpm 17' Rotary Machine & Finish Restorer	1,000	8.40	7,143
346	Spray Buff with 1000 + rpm 20' Rotary Machine & Finish Restorer	1,000	7.80	7,692

Hard Core Floor

FLOOR		Sq. Ft.	Minutes	Sq. Ft. Hr.
347	Spray Buff with 1000 + rpm 27' Rotary Machine & Finish Restorer	1,000	6.00	10,000
348	Spray Buff with 2000 + rpm 17' Rotary Machine & Finish Restorer	1,000	7.80	7,692
349	Spray Buff with 2000 + rpm 20' Rotary Machine & Finish Restorer	1,000	7.20	8,333
350	Spray Buff with 2000 + rpm 20' Rotary Machine & Finish Restorer - Propane	1,000	4.20	14,286
351	Spray Buff with 2000 + rpm 24' Rotary Machine & Finish Restorer - Propane	1,000	3.50	17,143
352	Spray Buff with 2000 + rpm 27' Rotary Machine & Finish Restorer - Propane	1,000	3.10	19,355
353	Spray Buff with 2000 + rpm 22' Rotary Machine & Finish Restorer - Battery	1,000	6.20	9,677
354	Strip with 175 rpm 17' Rotary Floor Machine that Requires Separate Wet Pick-Up	1,000	79.80	752
355	Strip with 175 rpm 20' Rotary Floor Machine that Requires Separate Wet Pick-Up	1,000	75.00	800
356	Strip with 350 rpm 17' Rotary Floor Machine that Requires Separate Wet Pick-Up	1,000	52.80	1,136
357	Strip with 350 rpm 20' Rotary Floor Machine that Requires Separate Wet Pick-Up	1,000	45.00	1,333
358	Strip using 30' Rotary Floor Machine with dual counter-rotating brushes 1150 rpm and 250 rpm - Theoretical	1,000	2.67	22,472
359	Strip using 30' Rotary Floor Machine with dual counter-rotating brushes 1150 rpm and 250 rpm - Practical	1,000	3.75	16,000
360	Strip with Mop-On Chemical that Requires Separate Wet Pick-Up	1,000	18.00	3,333
361	Sweep with 8" Corn/Synthetic Broom	1,000	25.20	2,381
362	Sweep with 12" Push Broom	1,000	24.00	2,500
363	Sweep with 16" Push Broom	1,000	20.00	3,000
364	Sweep with 18" Push Broom	1,000	18.80	3,191
365	Sweep with 24" Push Broom	1,000	15.40	3,896
366	Sweep with 30" Push Broom	1,000	12.00	5,000
367	Sweep with 36" Push Broom	1,000	10.80	5,556
368	Sweep with 42" Push Broom	1,000	8.60	6,977
369	Sweep with 48" Push Broom	1,000	7.40	8,108
370	Sweep with 26" Push Sweeper Machine	1,000	4.00	15,000
371	Sweep with 32" Push Sweeper Machine	1,000	3.40	17,647
372	Sweep with 36" Rider Sweeper - Theoretical	1,000	1.20	50,000

Hard Floor Care

FLOOR		Sq. Ft.	Minutes	Sq. Ft. Hr.
373	Sweep with 36" Rider Sweeper - Practical	1,000	1.52	39,474
374	Sweep with 39" Rider Sweeper - Theoretical	1,000	1.11	54,054
375	Sweep with 39" Rider Sweeper - Practical	1,000	1.40	42,857
376	Sweep with 43" Rider Sweeper - Theoretical	1,000	0.80	75,000
377	Sweep with 43" Rider Sweeper - Practical	1,000	1.01	59,406
378	Sweep with 56" Rider Sweeper - Theoretical	1,000	0.61	98,361
379	Sweep with 56" Rider Sweeper - Practical	1,000	0.78	76,923
380	With Pick-Up with Tank Type Wet Vacuum & 12" Orifice Pick-Up Tool	1,000	27.00	2,222
381	With Pick-Up with Tank Type Wet Vacuum & 14" Orifice Pick-Up Tool	1,000	25.20	2,381
382	With Pick-Up with Tank Type Wet Vacuum & 16" Orifice Pick-Up Tool	1,000	23.40	2,564
383	With Pick-Up with Tank Type Wet Vacuum & 18" Orifice Pick-Up Tool	1,000	21.60	2,778
384	With Pick-Up with Tank Type Wet Vacuum & 20" Orifice Pick-Up Tool	1,000	19.80	3,030
385	With Pick-Up with Tank Type Wet Vacuum & 22" Orifice Pick-Up Tool	1,000	18.00	3,333
386	With Pick-Up with Tank Type Wet Vacuum & 24" Orifice Pick-Up Tool	1,000	16.20	3,704
387	Wet Mop & Rinse with 12 oz. Mop Using Single Bucket & Wringer	1,000	45.00	1,333
388	Wet Mop & Rinse with 12 oz. Mop Using Double Bucket & Wringer	1,000	42.00	1,429
389	Wet Mop & Rinse with 16 oz. Mop Using Single Bucket & Wringer	1,000	34.80	1,724
390	Wet Mop & Rinse with 16 oz. Mop Using Double Bucket & Wringer	1,000	31.80	1,887
391	Wet Mop & Rinse with 24 oz. Mop Using Single Bucket & Wringer	1,000	23.40	2,564
392	Wet Mop & Rinse with 24 oz. Mop Using Double Bucket & Wringer	1,000	20.40	2,941
393	Wet Mop & Rinse with 32 oz. Mop Using Single Bucket & Wringer	1,000	18.00	3,333
394	Wet Mop & Rinse with 32 oz. Mop Using Double Bucket & Wringer	1,000	15.00	4,000

Stairways & Landings

STAIRWAYS & LANDINGS		Sq. Ft.	Minutes	Sq. Ft. Hr.
395	Sweep with Push Broom	150	4.50	2,000
396	Dust Mop using Dust Treatment Chemical	150	3.60	2,500
397	Damp Mop with Mop Bucket & Wringer	150	5.40	1,667
398	Vacuum with Tank/Canister Vacuum	150	4.50	2,000
399	Vacuum with Back-Pack Vacuum	150	3.15	2,857
400	Vacuum with Upright Vacuum	150	5.85	1,538

ESCALATORS		Minute	Units Hr.
401	Escalator cleaning 24" - 36" stair width with 18" brush machine	30 Stairs	1800 strs/hr
402	Escalator cleaning 37" + stair width with 18" brush machine	20 Stairs	1200 strs/hr



Overhead Services

CEILING ACOUSTICAL				
	Sq. Ft.	Minutes	Sq. Ft. Hr.	
403	Clean with Spray-On Chemical & Extension Handle	1,000	84.00	714
CEILING				
404	Wash Manually with Sponge using Ladder & Bucket	1,000	168.00	357
LIGHT FIXTURE DIFFUSERS				
405	Remove & Clean in Ultrasonic Dip & Return	150	12.00	750
LIGHT FIXTURES				
406	Damp Wipe with Trigger Sprayer & Cloth using Ladder	150	3.00	3,000
OVERHEAD SERVICES				
407	Damp Wipe with Trigger Sprayer & Cloth using Ladder	150	9.90	909
408	Dust with Back-Pack Vacuum using Ladder	1,000	16.20	3,704
409	Dust with Duster & Extension Handle	150	0.90	10,000
410	Dust with Tank/Canister Vacuum using Ladder	1,000	24.00	2,500
411	Dust with Hand-Held Duster Vacuum using Ladder	25	22.00	68
VENTS				
		Minutes		
412	Damp Wipe with Trigger Sprayer & Cloth using Ladder — 1 each	—	0.50	—



Miscellaneous Services

CUBICAL CURTAIN				
		Minutes		
413	Remove & Replace with Clean Curtain — 1 each	—	3.00	—
FURNITURE, UPHOLSTERED				
	Sq. Ft.	Minutes	Sq. Ft. Hr.	
414	Shampoo with Portable Machine	25	12.45	120
GARBAGE / TRASH CANS				
		Minutes		
415	Wash with Pressure Washer — 1 each	—	2.00	—
416	Wash with Special Can Mounting Sprayer — 1 each	—	1.00	—
SYSTEM LIGHT BULBS / TUBES				
417	Replacing Using Ladder — 1 each	—	3.00	—
MATS, FATIGUE				
	Sq. Ft.	Minutes	Sq. Ft. Hr.	
418	Fatigue: Wash with Pressure Washer	36	3.02	715
MATS, WALK-OFF				
419	Walk-off: Mats, Wash with Pressure Washer.	36	3.02	715
WALLS, PARTITION, FABRIC				
420	Partition, Fabric: Vacuum with Back-Pack Vacuum K& 12 Orifice tool	120	3.24	2,222
421	Partition, Fabric: Vacuum with Tank/Canister Vacuum K& 12 Orifice tool	120	3.96	1,818
WALLS				
422	Wash Manually with Wall Mop, Extension Handle, Bucket & Wringer	120	23.98	300
423	Wash Manually with sponge, Bucket & Wringer using Ladder	120	36.00	200
424	Wash with Wall Washing Machine using Ladder	120	12.02	599

Windows

WINDOWS		Sq. Ft.	Minutes	Sq. Ft. Hr.
425	Wash with Brush, Squeegee & Bucket	100	10.02	599
426	Wash with High-Rise Extension Tools	100	13.20	455
427	Wash with Trigger Sprayer & Cloth	100	11.40	526
428	Interior & Exterior: Wash with Trigger Sprayer & Cloth	200	22.80	526
429	Interior: Wash with Brush, Squeegee & bucket	100	10.02	599
430	Interior: Wash with Trigger Sprayer & Cloth	100	11.40	526
431	Multiple Pane: Wash with Trigger Sprayer & Cloth — 1 Pane	—	0.07	—
WALKWAY / STEPS				
432	Sweep with 8' Corn/Synthetic Broom	300	7.56	2,381
433	Sweep with 12' Push Broom	300	4.50	4,000
434	Sweep with 16' Push Broom	300	3.60	5,000
435	Sweep with 18' Push Broom	300	3.24	5,556
436	Sweep with 24' Push Broom	300	2.52	7,143

Team Cleaning

TEAM CLEANING		Sq. Ft.	Minutes	Sq. Ft. Hr.
437	Light Duty Specialist office building cleaning	1,000	6.00	10,000
438	Vacuum Specialist office building	1,000	6.00	10,000
439	Restroom Specialist office building during training — each fixture	—	2.00	—
440	Restroom Specialist office building after training — each fixture	—	1.50	—
441	Light Duty Specialist school cleaning w/o sinks in classroom — each room	—	4.50	—
442	Light Duty Specialist school cleaning with sinks in classroom — each room	—	5.75	—
443	Vacuum Specialist school cleaning — each room	—	7.50	—
444	Restroom Specialist school cleaning during training — each fixture	—	3.00	—
445	Restroom Specialist school cleaning after training — each fixture	—	2.00	—
446	Check-in and travel to area, beginning of shift	—	2.00	—
447	Equipment clean-up and restock, end of shift	—	5.00	—



Coverage of Various Solutions

Stripping Solution	100 sq. ft. per gal.
Wet Mop Solution	200 sq. ft. per gal.
Damp Mop Solution	400 sq. ft. per gal.
Auto Scrub with gravity feed tank	500 sq. ft. per gal.
Auto Scrub with solution dosing	750 sq. ft. per gal.
Floor Seal (water based) application	1500 sq. ft. per gal.
Floor Finish (water based) application	2000 sq. ft. per gal.

Direct Metric Conversion

Stripper Application	9.30 m ² per 3.785 liters
Wet Mop	18.60 m ² per 3.785 liters
Damp Mop	37.20 m ² per 3.785 liters
Auto Scrub with gravity feed tank	46.50 m ² per 3.785 liters
Auto Scrub with solution dosing	69.75 m ² per 3.785 liters
Floor Seal application	139.50 m ² per 3.785 liters
Floor Finish application	186.00 m ² per 3.785 liters

Simple Metric Conversion

Stripper Application	2.46 m ² per liter
Wet Mop	4.91 m ² per liter
Damp Mop	9.85 m ² per liter
Auto Scrub with gravity feed tank	12.2 m ² per liter
Auto Scrub with solution dosing	18.4 m ² per liter
Floor Seal application	36.9 m ² per liter
Floor Finish application	49.1 m ² per liter

Time to Square Foot per hour Conversion Formula

To calculate total square footage measurements per hour use the formula below.

$$60 \div \text{ISSA Min.} = \text{_____} \times \# \text{ sq. ft.} = \text{per hour}$$

First divide 60 (minutes) by the listed ISSA time per 1000 sq. ft. The total of this calculation multiplied by 1000 gives you the number of square feet per hour that may be accomplished by performing this task. Remember that many factors can affect this number in your particular facility.

Example:

Task #187 "Dust mop with a 24" Mop using Dust Treatment Chemical"
@ 7.2 min per 1000 sq. ft.

Calculation:

$$60 \div 7.2 = 8.333 \times 1000 = 8333 \text{ sq. ft per hr.}$$

Conversion Chart: Time In Worker Hours

Seconds = Wkr Hours	Minutes = Wkr Hours	Hours/ Minutes = Wkr Hours
1	0.0003	1 Hr 5 Min 1.0833
2	0.0005	1 Hr 10 Min 1.0833
3	0.0008	1 Hr 15 Min 1.2500
4	0.0011	1 Hr 20 Min 1.3333
5	0.0014	1 Hr 25 Min 1.4167
6	0.0017	1 Hr 30 Min 1.5000
7	0.0019	1 Hr 35 Min 1.5833
8	0.0022	1 Hr 40 Min 1.6667
9	0.0025	1 Hr 45 Min 1.7500
10	0.0028	1 Hr 50 Min 1.8333
15	0.0042	1 Hr 55 Min 1.9167
20	0.0055	2 Hrs 2.0000
25	0.0069	2 Hrs 5 Min 2.0833
30	0.0083	2 Hrs 10 Min 2.1667
35	0.0097	2 Hrs 15 Min 2.2500
40	0.0111	2 Hrs 20 Min 2.3333
45	0.0125	2 Hrs 25 Min 2.4167
50	0.0138	2 Hrs 30 Min 2.5000
55	0.0153	2 Hrs 35 Min 2.5833
60	0.0167	2 Hrs 40 Min 2.6667

Notes

CUSTOM TIMES	Each	Foot	Minutes	Feet Hr.

Calculating Cleaning Times Has Never Been Easier. Introducing The Official ISSA 447 Cleaning Times Calculator.



Call or visit the ISSA website to order today!
1-800-225-4772 | www.issa.com

