

Stain Identification



Bat Droppings

Pre-soak with Roof & House Wash soap and warm water.



Clear Deck Sealer

On vinyl siding ONLY Remove using a mild mix of Rip IT Deck Stripper.

DO NOT TRY TO REMOVE FROM ALUMINUM SIDING



Deck Stain

On vinyl siding ONLY Remove using Rip IT Deck Stripper.

DO NOT TRY TO REMOVE FROM ALUMINUM SIDING



Rust Stains

Remove with a Mild acid like Wood Britener, Brick Clean or F9 Barc or F9 Efflorescence Remover.



Lichen & Moss

Treat with a strong Sodium Hypochlorite solution and a surfactant like Roof & HouseWash and leave it on the surface to dry out and fall off naturally from wind and rain.

The root system from heavy growths like this can tear granules from the roof surface if you try to remove them prematurely.



Gloeocarpa Magma

A bacterial based algae that causes attics to heat up increasing AC costs, damages roofing shingles and stains any surface it stays on for long periods of time.

Remove With a strong mixture of bleach solution 4-6% and Roof & House Wash.



Egg Stains

Pre-Soak the entire area with soap and warm water. Use House & Roof-Wash (Without Bleach) and allow to dwell on **vinyl siding (not aluminum)**. Lightly brush with soft bristle brush.

If it doesn't come off completely try use white vinegar as a cleaner, then use House & RoofWash again.



Graffiti

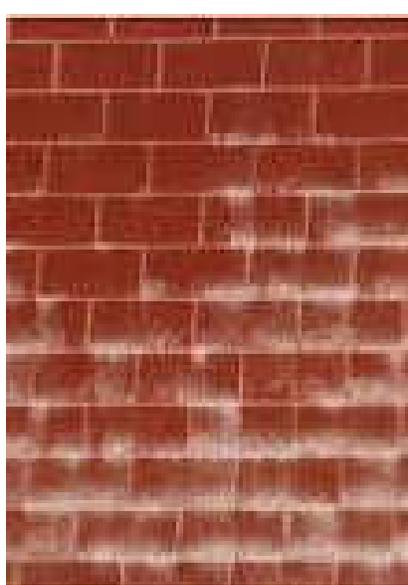
Remove with Worlds Best Graffiti Remover Bare Brick & Stone for vinyl siding and Masonry.

DO NOT TRY TO REMOVE GRAFFITI FROM ALUMINUM SIDING



Bad Window Seal

Photograph and notify client of any windows with bad seals before cleaning and after cleaning to prevent being blamed for damages.



Efflorescence

Disappears When Wet

Remove With Mild acid like Brick Clean or F9 Efflorescence Remover.



Mud Clay Stains

Remove with Mild acid like Brick Clean or F9 Efflorescence Remover.



Calcite Run

Remove heavy buildups with Wood Chisels, then treat repeatedly with acid based cleaners like Brick Clean or F9 Efflorescence Remover to slowly dissolve the rest.



Paint Oxidation

Do not attempt to clean surface with ANY pressure.

Warn client that the siding needs to be replaced or restored because the paint is failing from UV damage.

Before doing any cleaning call the office for approval to do the job. The client has to agree not to hold us liable for discoloration of the siding.



Black Streaks on Gutters

Caused by Electrostatic Bonding of dirt to the paint on the gutters.

Can usually be removed with our house wash mix. Sometimes it needs to be used stronger, or use Gutter Zap or Power House.

APPLY SOAP ON DRY GUTTERS.

~ DO NOT LEAVE SOAP ON FOR LONGER THAN 2 MINUTES!!

DO NOT LEAVE CLEANER ON ALUMI-



Melted Vinyl Siding

Usually caused by the sun reflecting off of windows onto the siding creating a magnifying glass effect.

Sometimes it is caused by Grills or by a running motor near the siding

NOTIFY CLIENT IMMEDIATELY AND PHOTOGRAPH THE AREA BEFORE DOING ANYTHING.



Artillery Fungus

Remove With Artillery Fungus Remover. It's usually better if the client removes it after buying Artillery Fungus Remover from Sun Brite Supply because it takes a LONG time for it to come off.

Best method is to apply the product, then cover it with saran wrap or plastic so it doesn't dry on the surface.

DO NOT ATTEMPT REMOVAL ON ALUMINUM SIDING!



Hail Damage

Hail damage cannot be fixed by cleaning it.



Oil Stains On Concrete

Use kitty litter to pick up as much oil as possible and grind it into the surface to get up as much as possible. Then use F9 Double Eagle to clean the concrete.



Paint Run - Oxidation

Someone painted the shutter and the paint oxidized and adhered to the siding. Remove with Worlds Best Graffiti Remover Bare Brick & Stone

DO NOT TRY TO REMOVE FROM ALUMINUM SIDING



Mold - Mildew Spores

Shown next to a Pen for size reference

New Mold-Mildew growth. It usually starts out as small black spots like this. It can easily be removed with a standard house wash mix of Sodium Hypochlorite and Roof & HouseWash.



Thermal Bridging

The difference between the stud temps and the voids between the studs. The studs are usually warmer than the voids, which causes the organic growth to adhere to those areas more easily.



Water Drips

Usually caused when water gets behind the siding overlap, or from water pushing in from underneath the siding, then it drips out of the weep holes in the bottom of the siding.

To remove them, lightly mist the siding with soap and then rinse with a light mist.



Black Spots On Composite Decks

These stains can be caused by two different things.

1. Mold that grows on the surface which can be removed with a regular house wash mix.
2. Tannins in the wood fibers that are inside composite decking materials bleed up to the surface of the material. Sometimes they can be removed with a mild acidic cleaner like Wood Britener.



Paint Oxidation

Oxidized paint from the aluminum siding ran down and stained the brick. Remove with Worlds Best Graffiti Remover Bare Brick & Stone or with F-9 Efflorescence Remover. In sever cases Prosoco's Heavy Duty Restoration NE Blend works great, but it is VERY DANGEROUS!

DO NOT GET CLEANER ON THE ALUMINUM SIDING



Sun Brite Supply®

16620 Oakmont Avenue Gaithersburg MD 20877
301-519-9274 PowerPressureWash.com

GPM	500 PSI	1000 PSI	1500 PSI	2000 PSI	2500 PSI	3000 PSI	3500 PSI	4000 PSI
3.0	8.5	6.0	5.0	4.0	4.0	3.5	3.0	3.0
3.5	10.0	7.0	5.5	5.0	4.5	4.0	3.5	3.5
4.0	12.0	8.0	6.5	5.5	5.0	4.5	4.5	4.0
4.5	13.0	9.0	7.5	6.5	5.5	5.0	5.0	4.5
5.0	15.0	10.0	8.0	7.0	6.5	6.0	5.5	5.0
5.5	20.0	11.0	9.0	8.0	7.0	6.5	6.0	5.5

RATIOS & PROPORTIONS

1 cup = 8 ounces 1 quart = 32 ounces		2 cups = 1 pint 4 quarts = 1 gallon		1 pint = 16 ounces 1 gallon = 128 ounces		2 pints = 1 quart	
To get:	Just add:	To get:	Just add:	To get:	Just add:	To get:	Just add:
128:1	5 ounces to 5 gallons	10:1	2 quarts to 5 gallons	8:1	80 ounces to 5 gallons	6:1	107 ounces to 5 gallons
64:1	10 ounces to 5 gallons	6:1	16 ounces to 5 gallons	5:1	1 gallon to 5 gallons	4:1	5 quarts to 5 gallons
40:1	16 ounces to 5 gallons	4:1	20 ounces to 5 gallons	2:1	10 quarts to 5 gallons	1:1	5 gallons to 5 gallons
32:1	20 ounces to 5 gallons		27 ounces to 5 gallons				
24:1	27 ounces to 5 gallons		1 quart to 5 gallons				
20:1	1 quart to 5 gallons		40 ounces to 5 gallons				
16:1	40 ounces to 5 gallons		53 ounces to 5 gallons				
12:1	53 ounces to 5 gallons						

M5 & X-Jet Proportioner Chart

(Water to Chemical Mixture)

	2 GPM	3 GPM	4 GPM	5 GPM	6 GPM	8 GPM
COLOR						
OPEN	.8-1	1.2-1	1.6-1	2-1	2.4-1	3-1
GREY	1.4-1	2-1	2.5-1	3-1	4-1	4.9-1
BLACK	3-1	4-1	5-1	6.5-1	8-1	11-1
BEIGE****	6-1	8-1	10-1	13-1	16-1	20-1
RED****	9-1	12-1	16-1	20-1	24-1	28-1
WHITE	16-1	22-1	30-1	38-1	45-1	51-1
BLUE	20-1	27-1	37-1	46-1	55-1	61-1
TAN(MED)	28-1	38-1	50-1	64-1	77-1	85-1
GREEN	31-1	42-1	57-1	70-1	85-1	90-1
ORANGE	35-1	48-1	64-1	80-1	96-1	102-1
BROWN	48-1	66-1	88-1	110-1	133-1	145-1
YELLOW	70-1	96-1	128-1	158-1	191-1	215-1
AQUA	94-1	128-1	170-1	215-1	257-1	284-1
PURPLE	146-1	200-1	240-1	300-1	400-1	501-1
PINK	280-1	353-1	500-1	480-1	766-1	906-1

****Typically used when applying undiluted House Wash or 12.5% Sodium Hypochlorite.

Nozzle Colors

	0 Degrees
	15 Degrees
	25 Degrees
	40 Degrees
	Soap Nozzle

DOWNSTREAMING NOZZLE SIZES

The Venturi Effect activates most down streamers at around 500 PSI or when there is

Machine GPM	2 - 3 GPM	4 - 5 GPM	6 - 8 GPM
Down streamer Orifice Size	1.8	2.1	2.3
Tip Orifice Size = Soap On	20-40 Tip Orifice	30-40 Tip Orifice	40-60 Tip Orifice
Tip Orifice Size = Soap OFF	Under 15 Tip Orifice	Under 25 Tip Orifice	Under 35 Tip Orifice