



Technical Bulletin

Using Downstream Injectors for SoftWash Systems Products

Question:

Can SoftWash Systems Green Wash which is typically injected and or mixed in a one batch method be used with a common pressure washing venture style injector?

Answer:

Downstream injectors used commonly on pressure washers or under the brand name of X-Jet can utilize SoftWash Systems Green Wash.

Potential Issues:

Though the use of a pressure washer is not considered soft washing, pressure washers can be outfitted with downstream injectors to apply a bleach and water solution with the SoftWash Systems Green Wash additive. Typically these injectors lose suction the more hose is added to the pressure washer as well as the height of the surface being cleaned being above 12 feet. It's difficult to get a solution strong enough to clean under these circumstances however some modifications can be made to insure the best cleaning solution results.

Solution:

Use a typical 20 / 1 venturi style chemical injector. Do not exceed 150 feet of pressure hose. Do not exceed two residential stories of working height. Use a #30 or #40 orifice spray tip so that there is no head pressure on the pump and a tip pressure of 200 psi or lesser is maintained.

In a 5 gallon bucket mix a solution of 2.5 gallons of 12% Sodium Hypochlorite (bleach) and 2.5 gallons of water. Add 64 ounces of SoftWash Systems Green Wash and stir well. Once in solution place your chemical injection hose into the 5 gallon bucket. Your 20/1 downstream injector will now pull the bleach and Green Wash solution through and your final cleaning solution at the wand's tip will be .06% bleach to water or about one half of a percent overall bleach.

This cleaning solution as provided above makes for an excellent pre-treat for most exterior surfaces including but not limited to, painted siding, stucco, EIFS, Dryvit, vinyl siding, metal siding, wood decks, wood fences, awnings and other delicate surfaces. A solution of .06% bleach will not cause any adverse effects to colorfast surfaces or their surrounding areas.

For further guidance for mixing Green Wash with bleach and water for cleaning many colorfast surfaces please see the SoftWash Systems Chemical Mixology page:

www.softwashsystems.com/mixology

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