



ANSWERS

Why pressure wash with HoldTight®102?

We recommend pressure washing at 1500 psi (100 bar) or higher after wet/vapor abrasive blasting using **102** and after dry blasting for three reasons:

1. It is faster and uses less water and therefore less **HoldTight®102** than low pressure washing or rinsing.
2. It forces the water and **102** into the “pits”, the “hills and valleys” of the surface and thus removes blast debris and other contaminants that otherwise might be missed.
3. It accelerates the evaporation process that removes the water and ensures no residue of **102** is left on the surface.

NOTE: When contamination levels are low (i.e., when the surface is relatively clean) after wet/vapor abrasive blasting and/or ambient humidity is relatively low, 1500 psi + pressure washing, though preferable, may not be necessary. This is true ONLY if the surface is thoroughly rinsed at lower pressures with 102-treated water immediately after the wet/vapor abrasive blast cycle – preferably before the surface dries.

Background: **HoldTight®102** prevents flash rust by cleaning – by removing the remains of the blast (shattered abrasive and/or paint and/or rust) and virtually all ionic contaminants (salts, such as chlorides, sulfates, nitrates, phosphates AND acids). These contaminants, whether visible or invisible, tend to draw moisture to the surface causing rust. A near-perfectly clean surface of the sort achieved by using **102** simply will not rust as fast as a surface not so cleaned.

How long will the surface remain rust-free after cleaning with 102?

Until wetted with water, most typically by rain, OR until re-contaminated by airborne particles or ionic-contaminants, which will draw moisture out of the air, the surface should remain rust-free. Outdoors this means 2 to 4 days. In extremely humid environments the rust-free period will be shortened; in extremely dry environments, it will be extended. Condensation forming on the surface as a result of rapid temperature changes may cause a **102**-cleaned surface to flash rust, especially if the condensation is extensive enough to “pool” on a flat surface or run down a vertical surface. If held indoors, the rust-free window for the blasted surface should be much larger – even a month or more.

Will the use of HoldTight®102 interfere with coating adhesion?

When used properly, **HoldTight®102** will leave no residue that would interfere with any coating or lining. In addition many coating manufacturers have tested **102** used before applying their products. Most have approved **102** for use with all of their coatings on the basis of tests and/or field experience with **102** over many years. Much of that data is available. Request our “compatibility” chart for examples.

Also see our documents: “**HoldTight®102** is not a coating; it is NOT applied”, “**HoldTight®102** is like soap -- but it is not soap”, “Coverage and **HoldTight®102**” and the Product Data Sheet for **HoldTight®102**.

phone 800.319.8802 / 713.266.9339
fax 800.728.8861 / 713.266.1022
email info@holdtight.com
web www.holdtight.com
p.o. box 27907 Houston, TX 77227.7907

HoldTight Solutions Inc.