

DIFFERENCE BETWEEN TWEHA'S PRODUCTS AND COMPETITORS' PRIMERS IS SIGNIFICANT!

Our competitors primers and TWEHA's Cleaner+, Blacken, PreFix X-tra and Woodprotect are different products, though the impression they serve the same purpose. On the contrary, they have a different purpose, function and diverse constituents.

First of all: with TWEHA's Bonding Systems primers are no necessity!

- a. which greatly simplifies the application of our systems, one application-run less, thus reducing the risk for errors;
- b. you are not bound by a time limit in application as you are when using a primer;
- c. the lack of these dangerous primers reduces environmental and health risks, and
- d. the absence of a primer makes it possible to process the bonding system at low temperatures (< 5 °C).

Actually, primers are aggressive problem solvers. Designed to penetrate to the substrate to ensure better adhesion. It increases covering capacity of the adhesive and thereby reduces the risk of failure and hides the shortcomings of the competitors adhesives in comparison with TWEHA's Bonding Products.

Primers generally consist of a reactive chemical agent which is dosed in a solvent. This solvent evaporates after application, leaving behind the active agent. This often aggressive agent 'etches' the surface to be bonded, so that the adhesive is able to penetrate. This leads to a change of the surface of the substrate. A crater-like structure is formed to accommodate the mechanical "cross-linking" of the adhesive.

Different types of primers are required for different surfaces, depending upon their characteristics and acts as a "chemical bridge" between the substrate and the adhesive. Please note substrates and types of primer are not interchangeably!

A most important disadvantage of using a primer is that the adhesive bead must be applied within a specified time after the application of the primer! So processing for both primer and bonding on the scaffold is an awkward and obstructive necessity.

Finally aggressive primers are harmful to humans and environment. Please have a look at this article earlier published on our website.