

THE DIFFERENCE BETWEEN TWEHA® PRODUCTS AND TRADITIONAL PRIMERS IS SIGNIFICANT

In the world of bonded façade systems, many people assume that products such as cleaners, surface improvers and primers all serve the same purpose. The differences between them are substantial — both technically and practically.

At TWEHA®, our bonding technology has been developed with a completely different philosophy compared to many traditional adhesive systems on the market.

While competitors often rely heavily on aggressive primers to compensate for limitations in their adhesive performance, TWEHA® bonding systems are specifically engineered to work without primers in most applications.

This creates major advantages :

- Processing simplicity
- Safety
- Sustainability
- Reliability
- Installation speed

TWEHA® Bonding Systems Do Not Require Primers!

One of the greatest strengths of TWEHA® Bonding Systems is that traditional primers are generally not required.

This immediately simplifies the entire installation process.

Fewer Steps, Less Risk

Because no primer application is needed:

- One complete processing step is eliminated
- The risk of application errors is significantly reduced
- Installation becomes faster and easier
- Scaffold operations become more efficient

For installers, this means a cleaner, simpler and more reliable bonding process.

No Critical Time Pressure During Installation

Traditional primer-based systems create another important limitation:

The adhesive must often be applied within a strictly specified time after primer application.

This creates unnecessary pressure during installation, especially on scaffolding or under changing weather conditions.

With TWEHA® Bonding Systems, this time-critical dependency is largely eliminated.

The result:

- More flexibility on-site
- Easier project planning
- Reduced installation stress
- Greater process reliability

Safer for People and the Environment

Many traditional primers contain aggressive chemical agents dissolved in solvents. These substances are designed to chemically attack or “etch” the substrate surface to improve adhesion for weaker adhesive systems.

As the solvent evaporates, reactive chemicals remain behind that alter the substrate surface structure.

While effective, these aggressive primers can also introduce:

- Health risks for applicators
- Harmful solvent emissions
- Environmental concerns
- Additional safety requirements on-site

By eliminating the need for these aggressive primers, TWEHA® bonding systems contribute to:

- Safer working environments
- Reduced environmental impact
- Cleaner installation processes
- More sustainable façade construction

Improved Low-Temperature Processing

Another major advantage of primer-free bonding technology is improved workability under colder conditions.

Traditional primers often have temperature limitations that restrict installation during lower temperatures.

Because TWEHA® systems do not depend on these aggressive primer reactions, bonding can often continue at temperatures below 5°C.

This provides:

- Greater installation flexibility
- Fewer weather-related delays
- Extended working seasons
- Improved project continuity

What Primers Actually Do

Primers are essentially aggressive problem solvers.

Their purpose is to:

- Penetrate the substrate surface
- Create chemical adhesion bridges
- Improve adhesive wetting
- Increase bonding coverage

In many conventional systems, primers compensate for weaker adhesive performance by artificially modifying the substrate surface.

This process typically creates a rough, crater-like surface structure that allows the adhesive to mechanically anchor itself into the substrate.

Different substrates require completely different primer formulations depending on their surface characteristics.

Importantly:

Primers and substrates are not interchangeable.

Using the wrong primer combination can lead to serious bonding failures.

TWEHA® Products Serve a Different Purpose

Products such as:

- TWEHA® Cleaner+
- TWEHA® Blacken
- TWEHA® Prefix X-tra
- TWEHA® Woodprotect

are fundamentally different from traditional primers.

These products are developed to:

- Clean surfaces professionally
- Improve surface stability
- Protect materials
- Enhance adhesion performance where needed without relying on aggressive chemical etching.

This approach aligns perfectly with modern demands for:

- Sustainable construction
- Safe installation
- Reliable process control
- Long-term façade durability

Simpler Technology, Better Reliability

At TWEHA®, we believe that the best bonding systems are not the most complicated ones — but the most reliable ones.

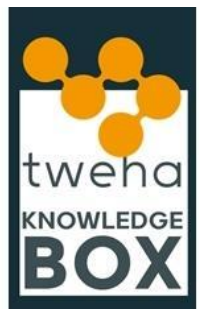
By eliminating unnecessary primer steps and focusing on high-performance adhesive technology, TWEHA® bonding systems offer:

- Faster processing
- Lower installation risks
- Cleaner applications
- Greater sustainability
- Long-term bonding reliability

This is why façade professionals worldwide continue to choose TWEHA® for modern bonded façade systems.

The Future of Bonding Is Cleaner, Safer and Smarter

The façade industry is evolving rapidly toward safer, greener and more efficient construction methods.



With decades of expertise in bonded façade technology, TWEHA® continues to lead this transition through innovative primer-free bonding solutions that combine:

- Technical excellence
- Sustainable performance
- Safe application
- Proven durability

Because the future of façade bonding should not depend on aggressive chemicals — but on intelligent engineering and reliable adhesive technology.

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