

What is Alta™ dwr?

Alta™ dwr is Applied Textile's latest PFAS-free water-based repellency technology that repels water-based stains, dust, and dirt. It is the only technology that is engineered to provide the correct level of protection for each application (environment) that it is specified in.

What does Alta™ dwr?

Alta™ dwr stands for durable water repellency.

How is Alta™ dwr different?

- Alta™ dwr is the newest generation of PFAS-free repellency technology in the marketplace.
- Alta™ dwr is designed for each application, ensuring the correct level of performance and fire code compliance at the most economical solution, so that you only pay for what you need.
- Alta™ dwr uses more water and less chemistry than other finishes and provides exceptional repellency performance to water-based stains, dust, and dirt.
- Alta™ dwr is a water-based technology.
- Alta™ dwr improves abrasion, pilling, seam strength, and fraying for upholstery.
- Alta™ dwr is correctly engineered for each fabric and application.
- Alta™ dwr is designed to bond effectively to most fibers, including natural, cellulosic, and synthetic fibers.

What is the difference between Alta™ dwr and generic soil and stain finishes?

Generic soil and stain finishes are topical, temporary, and will wash or wear off. Alta™ dwr is bonded permanently to the fiber and will last the life of the fabric. Unbranded soil and stain treatments can often make fabrics burn. Alta™ dwr makes fabrics meet the correct fire code. Unbranded soil and stain finishes do not make any claims to efficacy.

Is Alta™ dwr environmentally friendly?

Yes, Alta™ dwr meets CAL Prop 65, the EPA and The European Union's REACH standards for safe chemistries. Alta™ dwr is water-based and uses less chemistry than competitive products. Alta™ dwr does not contain PFAS, PFOS, PFOA, VOCs (volatile organic compounds), heavy metals, formaldehyde, or phthalates.

Is Alta™ dwr bad for my health?

No, Alta™ dwr is not toxic to humans, animals, or the environment.

- Alta™ dwr is PFAS-free.
- Alta™ dwr will not bio-absorb.
- Alta™ dwr is not carcinogenic.
- Alta™ dwr does not bio-accumulate.
- Alta™ dwr is not biopersistent.
- Alta™ dwr is not mutagenic.

Is Alta™ dwr permanent?

Yes, the Alta™ dwr technology is bonded permanently to the individual fibers; it will not wear or wash off. Alta™ dwr is durable to spot cleaning, commercial laundering, and dry cleaning.

How is Alta™ dwr applied to the fabric?

Alta™ dwr is applied through an impregnation bath process to both the front and back of the fabric. Alta™ dwr is not sprayed on.

Does Alta™ dwr meet fire codes for various applications?

Yes, Alta™ dwr is designed to provide high-performance repellency and meets fire codes. Please contact Applied Textiles for more information or questions.

Can Alta™ dwr help natural fibers pass 701 drapery testing?

Yes, Alta™ dwr drapery typically helps linen, wool, or cotton fabrics pass 701 drapery testing.

How do I clean fabric treated with Alta™ dwr?

Alta™ dwr technology enhances the cleanability of fabrics and reduces the need for harsh chemical cleaners. Clean-up is a breeze:

- Gently absorb liquid spills with a dry, clean, absorbent cloth.
- If any residual spot remains, flush with warm water and then blot with a dry, clean, absorbent cloth.
- Repeat, if necessary.
- For stubborn stains: follow the steps above, then mix 2-3 drops of a mild detergent with a cup of water and apply to the soiled area. Gently work the solution into the area and wait a minute and then blot the spot with a clean, dry, absorbent cloth. Repeat until spot is gone.
- After cleaning, be sure to rinse thoroughly with water and blot to remove soap residue.

How does Alta™ dwr achieve its repellency?

The Alta™ dwr technology changes the fiber's surface energy to repel water-based stains, dust, and dirt.

Since Alta™ dwr provides repellency, why do I need a liquid barrier for Alta™ dwr F+B, Alta™ dwr Healthcare, or Alta™ dwr Senior Living?

Liquid barriers are critical to keeping high-use areas clean and to keeping stains from being pushed below the surface of the fabric and into the cushion. We would suggest using liquid barriers for food and beverage areas, healthcare and senior living environments, and other areas where constant cleaning is required. Our proprietary liquid barrier is called Durablock® and is very durable to cleaners, including bleach and other healthcare cleaners.

Can you treat a bleach cleanable fabric with Alta™ dwr?

Yes, Alta™ dwr will not affect the properties of a bleach-cleanable fabric.

Has Alta™ dwr been tested with healthcare cleaners?

Yes, healthcare environments use three families of cleaners: quaternary cleaners, bleach cleaners, and peroxide. Alta™ dwr has been tested and is durable to all these types of cleaners.

Speaking of healthcare, what is the antimicrobial used in Alta™ dwr Healthcare and Alta™ dwr Senior Living?

We add a durable antimicrobial that is effective against not only bacteria and microbes but also against mold, mildew, and fungi. We also add the antimicrobial to Alta™ dwr Outdoor to fight mold, mildew, and fungi that can occur on outdoor fabrics.

How durable is the antimicrobial in Alta™ dwr?

The Alta™ dwr antimicrobial technology has been tested in over 75 healthcare launderings with a 99.5% efficacy rate.

My healthcare client does not want an antimicrobial. Can Alta™ dwr be specified without it?

Yes, Alta™ dwr Healthcare or Alta™ dwr Senior Living can be specified without antimicrobial if the client prefers not to have it.

Can Alta™ dwr help me pass IMO Upholstery Testing?

Yes, Alta™ dwr IMO can. Any fabric containing 60% polyester mixed with any other fiber can be treated with Alta™ dwr IMO to pass IMO upholstery testing.

What if a fabric already has a finish on it? Can I add Alta™ dwr?

Yes, Alta™ dwr can be applied over all finishes. Alta™ dwr provides these fabrics with a more durable and permanent repellent to water and oil-based stains.

When do I need to have a heavy acrylic backing added?

A heavy acrylic backing is typically applied to any thick fabric that needs extra stability, or fabrics being used for wallcovering that need increased stiffness.

How is acrylic backing added?

Acrylic is aerated and applied to the back of the fabric in a thin, even layer using a knife edge.

What's a laminated backing, and how is it applied?

A laminated backing is a layer of material bonded to the back of a fabric to improve its durability, water resistance, and stability. This is achieved by fusing the backing to the fabric using either a heat-activated adhesive or a heat-set method. This creates enhanced properties for applications like upholstery. This creates enhanced properties for applications like upholstery.

Are there any fibers you cannot treat?

We can process 98% of all textiles, but to do so, we need to know the fabric's fiber content. We will not run an order without knowing the fiber content. If you should have a question about a specific fabric or fiber content, please contact Hannah Schroeter at 616.559.6134 or call the Alta™ Hotline at 866.891.6266 and we will review your fabric specification with you.

Can you treat coated fabrics?

Presently, we cannot treat faux leathers made from Polyvinyl Chloride (PVC) or Polyurethane with Alta™ dwr.

What is the minimum yardage needed to treat with Alta™ dwr?

We ask for 2 yards to maintain pattern and weave alignment. Special accommodations can be made by contacting your account manager.

What is the lead time for Alta™ dwr?

Processing time is 48-72 hours.

Where is Applied Textiles located?

We are global and have treatment capabilities in all four of our locations:

- Grand Rapids, Michigan- HQ
- Graham, NC
- Hangzhou, China
- Prato, Italy

Can Applied Textiles work with wide width fabrics?

Applied Textiles will support rapid service of standard width materials of 53" usable - 59" overall. Fabrics that vary from standard processing widths will incur a special set up/processing fee.

For more information, please visit:

applied-textiles.com

applied-lab.com