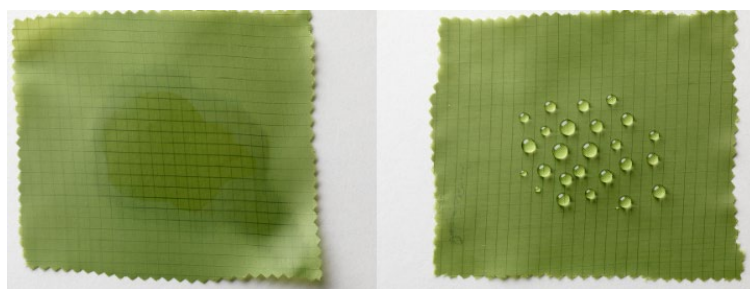




RE-WATERPROOF: WHEN?

When water drops no longer bead and run off the outer fabric of your rain jacket, shell jacket or other functional outdoor garment, its original water repellency has been washed out. If this happens, it's time to re-waterproof the garment so that it regains its original technical properties.



Fabric with no DWR

Same Fabric With DWR

RE-WATERPROOF: WHY?

The basic waterproofing of the outer fabric of a garment is often referred to as Durable Water Repellent (DWR). After approximately 5 to 10 washes, depending on the quality of the textile impregnation and the detergent, a garment's waterproofing has been washed out. If this happens, it's time to re-waterproof the garment so that it regains its original technical characteristics.

A wet outer fabric reduces a garment's vapor permeability. This means that despite a good membrane that is designed to keep you dry and "breathes" at the same time, the garment will feel heavy and cold, and you can even feel moisture on the inside. By washing and re-waterproofing your garments and your equipment regularly, you improve the function and extend their lifespan.

How often should I wash my textile riding gear?

In general, quite frequently, even when not visibly dirty, as sweat and dirt might be sitting in the membrane reducing its functionality. Washing the garments with a technical laundry detergent cleans out the pores in the membrane and removes dirt that inhibits the water repellent finish on the outer fabric. Moreover, it removes sweat that has gathered under, for example, seam tapes. Over time, sweat residue can decrease adhesion in the taped seams, so keeping your garments clean is the way to increase their useful life.

Why can't I wash with my normal detergent?

Typically, conventional detergents are packed with surface actives and other functional molecules that help water reach hydrophobic dirt. They may be left in your functional finish, where they will act as a channel for water molecules reaching the fabric, causing it to wet. Residues are often a result of excessive foam formation during laundering, as foam is hard to rinse out from your washing machine. If you see foam left on your garment after washing, it is recommended to carry out additional rinsing



cycles until no foam can be seen on the outer fabric surface. To prevent this from happening, it is highly recommended to use a technical detergent on your textile riding gear. These are not only milder for functional finishes and the environment, but they are also developed to minimise foaming and thereby the amount of residue left after running a normal laundry cycle.

What is the difference between Spray-On and Wash-In waterproofing?

Both products rely on the same technology and use a 3D lotus effect to provide water repellence. The products are optimised to suit the different application methods. Based on the garment and circumstances, you can pick the product of your choice. Spray on DWR may be more convenient to apply to footwear and other smaller items of clothing you may not want to put in your washing machine. Whichever option you choose, please follow the instructions on the label carefully.

Does REV'IT BioCare Textile Waterproof Wash-In set on the inside of my garment?

Since the garment is immersed in a solution containing Wash-In, some product may also set on the inside, depending on the material. One may think that it is undesirable to get waterproofing on the inside of the garment. However, these BioCare safe products are not film-forming, and therefore allow for maintained breathability.

Approximately how many wash cycles does REV'IT! BioCare Textile Waterproof Wash-In last?

This is mainly dependent on the fibre type and how much of the factory applied water repellent finish (DWR) is left. In general, one could expect the treatment to last between 5-10 laundry cycles. It is always recommended to use a technical detergent to increase the useful life of the treatment. On synthetic fabrics the treatment is often retained longer than on fabrics made from natural fibres.

Do I need to tumble dry my garments after applying REV'IT! BioCare Waterproofing products?

Not necessarily, as our technology does not require heat to be activated, which means that you can expect a restored water repellence on your garments by just letting them dry at room temperature. However, warm drying in a tumble dryer or drying cabinet increases the durability and often boosts the effect of your freshly applied waterproofing treatment; so, when care instructions allow, BioCare would still recommend running a short cycle at low temperature. Alternatively, you can apply some heat with a hair dryer or on a heating element or by hanging the garment in strong sunlight. Warm drying also improves the functionality on a major part of the factory applied finishes (DWR) on the market.

Can I use REV'IT! BioCare Waterproofing on Gore-Tex Membranes?

There is a wide range of technical membranes on the market, and new membrane technologies are introduced continuously. However, as a rule of thumb, for all hydrophobic or microporous membranes (e.g., Gore-Tex) both Wash-In and Spray-On BioCare waterproofing can be used. In all cases remember to follow the wash and care instructions on every garment you are cleaning and re-waterproofing.