

Technical data	Tear resistance ISO 13934-1	Maximum tensile force in N Warp 1200   Weft 1000
	Tear propagation resistance ISO 13937-1	Elmendorf in cN Warp 3500   Weft 3200
	Abrasion, Martindale ISO 12947-2, 12 kPa	100,000 cycles on coated side
	Adhesion strength, Scrub test ISO 5981, 500 strokes	No damage of the coating
	Heat test 90 °C 72 h AG Cilander inhouse test	No adhesive tendency of the coating
	Water column ISO 811	> 200 cm
	Fastness to artificial light, Xeno test ISO 105/B02, 150 h	6 – 7
	Fastness to rubbing, Crockmeter ISO 105/X12, 12 strokes	Coating side dry 4 – 5
		Coating side wet 4 – 5
		Back side dry 4
		Back side wet 4
	Spray test ISO 4920	Coating side score 100
		Back side score 100
	Bundesmann ISO 29865	Coating side penetration 0 ml
		Back side penetration 0 ml
	UV protection factor UPF ISO 13758-1	50+
	Roll width	178 – 180 cm
	Roll length	40 – 50 running meters
	Weight	190 g/m <sup>2</sup>
Material	100 % Polyester Ripstop, Polyurethane coating	

**Colours** Silver, grey, dark blue, anthracite, beige, ivory, moss green, white, light blue, bordeaux

**Application** The coating side is used externally.

**Cleaning and care** Where possible, clean the fabric as soon as any dirt appears.  
Place the PLANOFIL® flat on the floor or, in the case of a sail, hoist it up the mast and rinse it with cold water. Ensure that the material is stretched taut when doing so.

Wait for it to dry before folding it up and storing it. Avoid storing it under humid or hot conditions without cleaning it first. There is a risk of mould forming if the factors of humidity, dirt (foreign spores) and heat exist simultaneously over a longer period of time.

In winter, store the covers in a dry place.

Remove any dirt, e.g. bird droppings, immediately. In the case of stubborn or older dirt, clean with a very soft sponge and cold water.

Never use a brush or abrasive sponge! This will damage the surface of the PLANOFIL® fabric.

Never use seawater for cleaning or rinsing. (Risk of mould; seawater contains many micro-organisms such as bacteria and algae.)

Do not use acid- or alkali-based cleaning products or detergents! Conventional cleaning products often contain optical brighteners, which impair the function and UV resistance of PLANOFIL®.

Do not use steam or high-pressure cleaners to clean the fabric.

Do not wash PLANOFIL® in the washing machine.

Always wait until PLANOFIL® is dry before folding it up.

