

WeatherMAX™

The Beauty of WeatherMax - Water Resistant & Breathable!

WeatherMax fabric has taken away the need to make a choice between a waterproof and a breathable fabric by offering a solution to both. WeatherMax is highly breathable but still water resistant.

Breathability – Why is it so important?

At Contender UK we believe that the breathability of a fabric for certain applications is every bit as important as its ability to stop water getting in. In the UK environment, especially a marine one, water ingress and condensation is a fact of life. The ability of the fabric to breathe is essential in reducing dampness, heat build up and condensation. This in turn reduces the chances of problems such as, mould, mildew, osmosis etc.

Why does WeatherMax not fade?

WeatherMax is made from the SaturaMax yarn. This is a solid pigment, solution dyed polymer yarn. This ensures the highest quality coloured yarn is produced. As the colour is physically part of the polymer yarn itself, it offers superior colour consistency, light fastness and strength characteristics. The exceptional quality of this yarn ensures the fade resistance of the WeatherMax is equal to that of acrylic fabrics.

Why does WeatherMax not sag like acrylics?

WeatherMax is made with filament yarns. These yarns can be stretched but recover to their original length completely. This provides a very stable cover that will not shrink or grow. Acrylics, in comparison, are made from spun yarns that also stretch under load but do not recover completely, leading to unsightly sagging.

What about strength and abrasion?

WeatherMax quite simply outperforms the competition. It has twice the strength of acrylic and is six times more durable under abrasion and rubbing.

Key Facts

- Strength** **2 x stronger than acrylic**
- Durability** **6 x better than acrylic**
- Fade resistance** .. **Equal to the best acrylics**
- Shape** **Does not sag in use**

What weight is WeatherMax available in?

WeatherMax is available in two weights to suit all applications. The standard WeatherMax 80 has a weight of 271g per sq metre and the lightweight WeatherMax LT has a weight of 220g per sq metre. WeatherMax is an ideal solution for covers, awnings UV strips, upholstery, cushions, umbrellas and sun shades.

What is the HydroMax finish?

HydroMax is a highly water repellent impregnated finish that helps give WeatherMax the ability to protect against heavy rain while keeping its breathability and dimensional stability. The finish is also highly resistant to dirt and staining. An anti-microbial component is also added to the finish to help prevent any potential mildew or mould growth on top of the fabric.

How is WeatherMax woven?

WeatherMax 80 is woven using an Ottoman weave. This is a combination of a plain and basket weave. This creates a fabric offering the best combination of strength, durability, and stability. It gives WeatherMax its firm feel and a very subtle ribbed texture, refined to the eye and luxurious to the hand.

WeatherMax LT is woven using a standard plain weave to help reduce weight and give the fabric a smoother and lighter feel.

Is WeatherMax the perfect balance?

If you want to build a cover that is highly breathable but still water resistant, is strong, stable, light weight and will look the part for years to come then WeatherMax is your answer.

For further details and specific advice please consult your local sailmaker or cover manufacturer.