






SPECIFICATION SHEET

sunbury
design

fabric name. KEW
collection name. BARNARD EcoPerform+

	result	test method
composition	100% GRS recycled P	
weight	528 gsm / 15.57 oz yd ²	
width	140 cm / 55 in	
repeat	n/a	
application	severe contract/hospitality & healthcare upholstery	
FR rating	BS EN 1021 parts 1 & 2, BS 5852 crib 5 BS 7176 Medium Hazard over CMHR 35 foam IMO part 8 CAL 117 & NFPA 260	
durability / abrasion	80 000 cycles (grade 4 colour change @ 5000 cycles)	BS EN ISO 12947-2:2016 severe contract at 40 000 cycles
pilling	grade 4	ISO 12945-2 grey scale graded 1 to 5, 5 indicates no change
tear strength	40 N warp / 40 N weft	ISO 13937-3 min. requirement >15N (EN 14465)
tensile strength	650 N warp / 640 N weft	ISO 13934-1
seam slippage	1.9mm warp / 2.2mm weft	ISO 13936-2 >4mm level A / >6mm level B / <8mm level C
colour fastness to rubbing	grade 4 dry / grade 3.4 wet	ISO 105-X12 grey scale graded 1 to 5, 5 indicates no change
colour fastness to light	grade 4.5	ISO 105-B02 blue scale graded 1 to 8, 8 indicates no change
waterproof	hydrostatic head >1mtr	
care	<p>This fabric includes EcoPerform+ an advanced, environmentally friendly treatment designed to be used in senior living, healthcare, contract & hospitality upholstery and where sustainable, durable, water proof, high performing seating is required.</p> <p>Please refer to our CARE GUIDE EcoPerform+ for full care & cleaning details.</p>	
environmental	<ul style="list-style-type: none"> • Halogen free contract, hospitality & IMO FR compliance. • Woven using GRS certified recycled fibres. • PFC free easy clean, permanent water based technology. • Anti-viral & anti-bacterial, permanent non leaching technology. • Fresh, hypoallergenic and skin friendly finish, reducing bad smells. • Hard wearing and durable, exceeds requirement for severe contract upholstery use. • OEKO-TEX Standard 100 & REACH compliant, containing no harmful substances. • Free of solvents, VOC's, PFOS, PFOA, formaldehyde, heavy metals and phthalates. <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  recycled </div> <div style="text-align: center;">  OEKO TEX STANDARD 100 </div> <div style="text-align: center;">  antibacterial easy clean </div> <div style="text-align: center;">  PFC FREE Evergreen </div> <div style="text-align: center;">  HALOGEN FREE contract FR </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center;"> <p>EcoPerform+ Fabric Protection System</p> </div> </div>	

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These results are based on manufacturers own testing and in accordance with the relevant standard but not overseen by an independent body and are for guidance only. In accordance with normal trade practice batch to batch variations may occur within commercial tolerances. Current production may differ marginally and we reserve the right to alter specifications without notice. FR testing is predictive and customers must ensure their complete furniture/make up meets the necessary standards for their specific application. All values and measurements are approximate



EcoPerform+ fabrics are designed for some of the toughest commercial, marine and healthcare upholstery environments, however as with most things regular care and the correct maintenance is still needed for the fabrics to continue to look good and perform longer.

BENEFITS

Fabrics with **EcoPerform+** are designed to work hard, and include as standard:

Hygienic Protection. A permanent anti-viral, anti-fungal and anti-microbial treatment to inhibit the growth of viruses, fungi and bacteria. This also helps reduce odours caused by microbes.

Easy Clean. Fluorocarbon (PFC) free easy clean repels liquid spills helping to prevent staining and allowing for easier cleaning. The recycled polyester fabrics are naturally tough and durable with a soft touch and warm, natural feel. The flatter weaves are designed to be easier to wipe clean and are suitable for infection control cleaning as detailed in this guide.

Waterproof & Urea Resistant. These fabrics incorporate an advanced membrane bonded to the back of the fabric. This impervious barrier protects the upholstery fillings from liquids, cleaners and other contaminants when used with appropriately sealed seams. Not recommended for use as removable covers.

Fire Retardant. The final layer is a halogen free fire retardant backing meeting UK, US, IMO and European standards.

Sustainability. Woven using recycled fibres, tested for harmful substances according to Oeko-Tex Standard 100, fully REACH compliant, halogen and PFC free, free of formaldehyde, solvents and VOC's.

REGULAR CLEANING GENERAL RULES TO FOLLOW.

- Vacuum regularly to avoid build up of crumbs, dust, dirt and other matter.
- Clean spillages and stains as quickly as possible with a dry absorbent cloth, do not leave to dry in. Use a clean, damp microfibre cloth to gently work area in a circular motion taking care not to rub stain deeper into fabric. Liquids will initially bead on the fabric surface to aid cleaning, however if unattended they will eventually soak in as far as the waterproof membrane.
- For stubborn, 'left in' staining use a little neutral upholstery shampoo, repeat if necessary. To avoid water marking do not over wet the fabric and ensure all soap residue is removed as a build up of this can cause fabric discolouration and odour.
- Injection extraction cleaners (wet vac) are a good and time efficient way to clean the fabric.
- After cleaning allow to completely dry before use.
- Do not use strong chemicals, toxic substances, acids, strong solvents or other chemical cleaners.
- Strong or neat alcohol if not cleaned immediately may cause damage to the fabric.
- Protect from excessive sunlight and avoid contact with strong heat.
- When dealing with any stain it is important to always test an inconspicuous area of the fabric first to ensure the treatment will not cause permanent damage. If in any doubt specialist upholstery cleaning advise should be obtained.

DEEP CLEANING RECOMMENDED FOR INFECTION CONTROL.

- For infection control cleaning (blood & urine spills etc) use a mild hypochlorite solution (10,000 ppm of available chlorine) e.g. Haz Tabs, Chlor Clean or Shield Plus etc. We do not advise using bleach solutions as the concentrations can vary.
- Continued, heavy use may cause discoloration and surface damage, especially if residues remain on fabric surface.
- Fabric can be steam cleaned in-situ.
- Antibacterial wipes and sprays suitable for upholstery can be used following manufacturers guidelines.

IMPORTANT. Although this fabric will resist most types of staining under normal conditions it does require regular care as described. Spills that are allowed to remain on the fabric for long periods of time can cause permanent damage. The finishes on the fabric drastically reduces the chances of staining however it will not perform as well as a full wipe down upholstery solution like vinyl. We are unable to guarantee against all types of staining and marking and accept that there may be environments where its use is not suitable and other options may be more appropriate. In these instances we cannot be held responsible for the performance of the fabric. **We do not recommend and take no responsibility for the performance of the fabric when used for piping and due not recommend use for loose covers.** Our 'limitation of liability' as detailed on our price list applies.