

SPECIFICATION SHEET

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fabric name.
collection name.

CASCADE
CASCADE FR RECYCLED DIGITAL PRINT

	result	test method
composition	100% GRS recycled P	
weight	448 gsm / 13.21 oz yd ²	
width	140 cm / 55 in	
repeat	n/a	
application	severe contract/hospitality 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	
Martindale	155 000 cycles	BS EN ISO 12947-2:2016 severe contract at 40 000 cycles
Martindale - colour change	3	@ 6,000 cycles grey scale graded 1 to 5, 5 indicates no change
Wyzenbeek	TBC	ASTM D4157 commercial grade at +30 000 double rubs
pilling	grade 3/4	ISO 12945-2 @ 5000 cycles grey scale graded 1 to 5, 5 indicates no change
tear strength	80 N warp / 80 N weft	ISO 13937-3 min. requirement >15N (EN 14465)
seam slippage	5.1mm warp / 4.5mm 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
care	THIS FABRIC IS TREATED WITH EVERGREEN - PFC free fabric protection. EVERGREEN is a water repellent, easy clean treatment which includes an antibacterial finish reducing the build up and activity of viruses. Please refer to our CARE GUIDE EG for full care & cleaning details.	
environmental	• Halogen free contract, hospitality & IMO FR compliance. • Woven using 100% GRS certified recycled fibres. • PFC free easy clean, permanent water based technology. • Anti-bacterial, permanent non leaching technology. • 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.  recycled     	

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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

CARE GUIDE EG

For fabrics treated with **Evergreen**

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EVERGREEN PFC FREE FABRIC PROTECTION

Evergreen is a durable, fluorine free, highly effective water-repellent treatment developed to protect your fabric against the majority of everyday spills and stains. Ideal for contract/hospitality upholstery it is an ecological and sustainable technology offering solvent free, APEO (alkylphenol ethoxylates) free and PFC (perfluorocarbon PFOA, PFOS) free fabric protection.

Evergreen includes an antibacterial finish which is effective in reducing the build up and activity of viruses. This finish is a sustainable metal free, biodegradable technology which complies to Oeko-tex class 1 and when tested to ISO 18184:2019 shows a +99% reduction in microorganisms within 1 hour or less.

ECO FRIENDLY ANTIBACTERIAL & EASY CLEAN WITH EVERGREEN

- Permanent, wash resistant finish makes cleaning most common spillages easy.
- PFOA and PFOS free.
- Includes antibacterial properties reducing the activity of enveloped viruses.
- **Evergreen** is OEKO-TEX Standard 100 compliant.

CARE GUIDELINES GENERAL RULES TO FOLLOW FOR REGULAR CARE.

- Clean spillages and stains by initially blotting up any excess liquid with a tissue, do not leave to dry in. Use a little fresh water and a microfibre cloth to gently clean in a circular motion taking care not to rub stain deeper into fabric.
- For stubborn or 'left in' staining use water with a little neutral soap (max 5% solution), repeat if necessary.
- After cleaning allow to completely dry before use and then gently brush with a soft brush in the direction of the pile.
- Clean up spills and stains right away, the longer stains are allowed to remain the more difficult they are to remove.
- Do not soak or over wet the fabric as this may cause unsightly water marking.
- Do not use bleach, strong chemicals, toxic substances, acids or strong solvents.
- Regularly cleaning is recommended to keep the fabric looking good for longer.
- Regularly brush using a soft headed brush to remove normal dust or gently vacuum away loose dirt before it becomes embedded in the fabric. For solid or semi-solid spills remove excess by gently lifting off with a blunt knife or spatula.
- 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 advice should be obtained.

DEEP CLEANING DISINFECTING FABRICS TREATED WITH EVERGREEN

EVERGREEN includes an antibacterial finish which is effective in reducing the build-up and activity of viruses, however if disinfection cleaning is required the following is recommended:

- Using liquid soap and water can be one of the most effective cleaning methods. Caution should be taken not to over wet the fabric and ensure all soap residue is removed to avoid fabric discolouration and odour. Injection extraction cleaners are a good and time efficient way to deep clean.
- Antibacterial wipes and sprays suitable for upholstery can be used following manufacturers guidelines.
- The use of bleach or alcohol solutions is not recommended.

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 do not recommend use for loose covers.** Our 'limitation of liability' as detailed on our price list applies.