

IRISUN SHADE FABRICS

Air-purifying fabrics

 **GREEN**
by Sauleda & Pureti

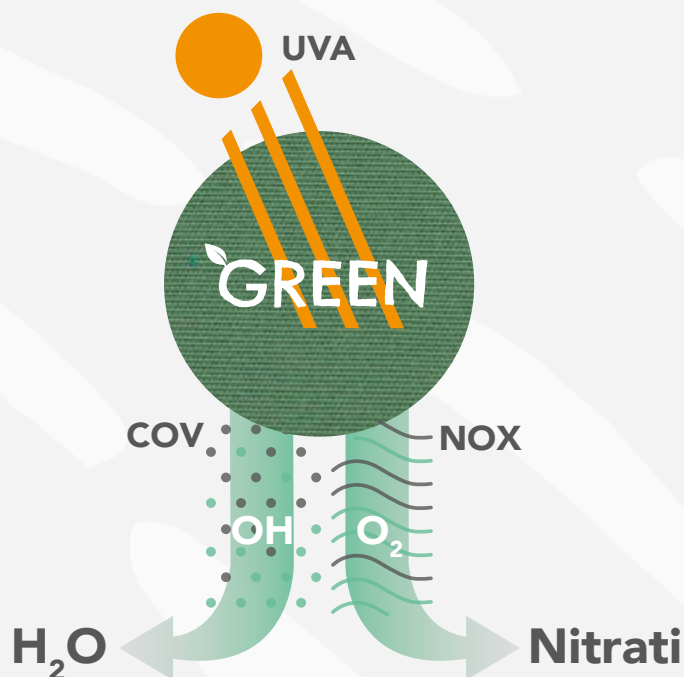
GIOVANARDI 

Air-purifying fabrics



Green® un tessuto autopulente che purifica l'aria per una migliore qualità di vita. La superficie trattata con PURETI evita la crescita di sporcizia e la contaminazione con sostanze provenienti dall'esterno. All'interno, PURETI elimina gli odori e migliora la qualità dell'aria. Gli edifici e le finestre si mantengono più puliti e l'aria è più salutare e senza odori. L'utilizzo a lungo termine di questo tessuto consente un risparmio di tempo, denaro, acqua, prodotti chimici e energia.

Green® is a self-cleaning fabrics that purifies the air to enjoy a good life quality. The surfaces treated with PURETI prevent the growth of dirt and reverse contamination on the outside surface. Inside, PURETI eliminates odors and improves air quality. Buildings and windows are kept cleaner. Indoor air is healthier and odorless. Long-term application saves time, money, water, chemicals and energy.

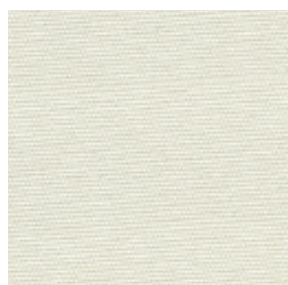


Green®, il tessuto che purifica l'aria

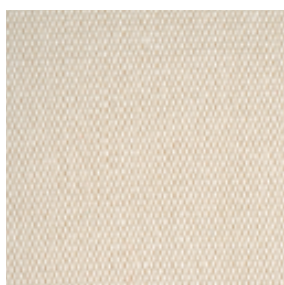
Irisun Green® è l'innovativo tessuto 100% acrilico tinto in massa studiato da Saulea in collaborazione con Pureti. **Il tessuto, rivestito con nanoparticelle di biossido di titanio (TiO₂), decontamina l'ambiente circostante, elimina gli odori, migliora la qualità dell'aria donando un senso di freschezza e pulizia ed evita il deposito e l'accumulo dello smog.** Grazie all'azione della luce del sole si innesca una reazione di fotocatalisi che accelera la decomposizione chimica naturale di molecole organiche inquinanti. Irisun Green® inoltre riduce il particolato organico (COV), i gas serra indiretti (NOx e SOx) e le polveri sottili (PM 2,5 e PM 10) presenti nello smog ed inquinamento urbano.

Green®, the air-purifying fabric

Irisun Green® is the innovative 100% mass-dyed acrylic fabric designed by Saulea in collaboration with Pureti. **The fabric is coated with titanium dioxide nanoparticles (TiO₂), and decontaminates the surrounding environment, eliminates odors, improves air quality by giving a sense of freshness and cleanliness, and avoids the deposit and accumulation of smog.** With the addition of sunlight, a photocatalytic reaction is triggered that accelerates the natural chemical decomposition of polluting organic molecules. Irisun Green® also reduces the organic particulate matter (VOC), indirect greenhouse gases (NOx and SOx) and fine dust (PM 2.5 and PM 10) found in smog and urban pollution.



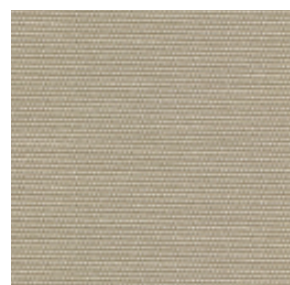
G042 BIANCO



G143 BEIGE



G469 CONCHIGLIA



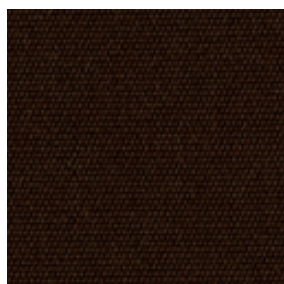
G229 AVENA



G226 SCIROCCO



G470 TOAST



G481 CIOCCOLATO



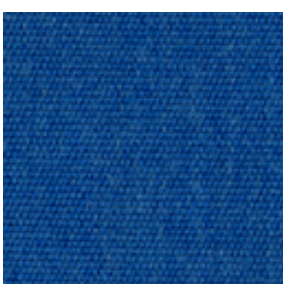
G013 GIALLO



G480 ALBICOCCA



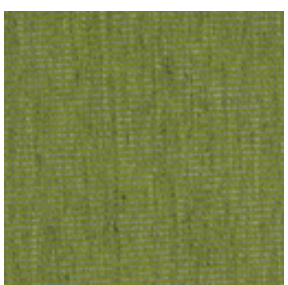
G209 ROSSO SCURO



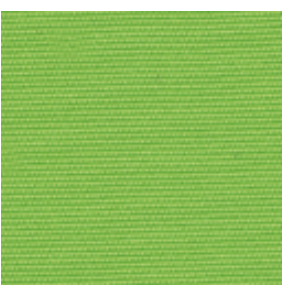
G479 OCEANO



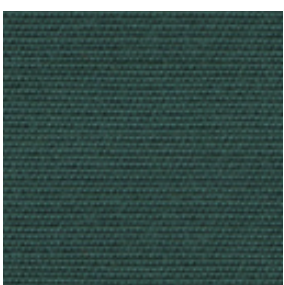
G145 MARINO



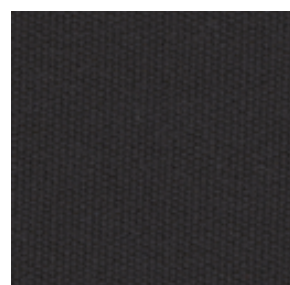
G471 CACTUS



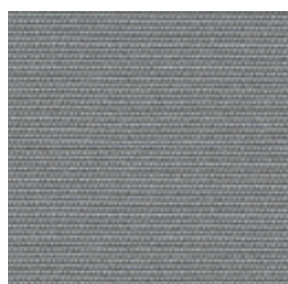
G024 ANICE



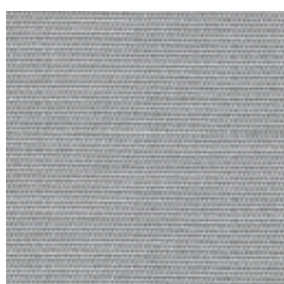
G245 BOTTIGLIA



G460 CARBONE



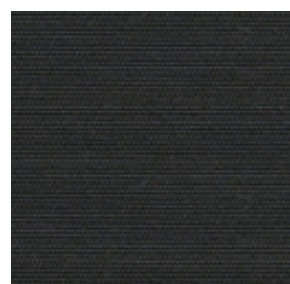
G102 GRIGIO



Z647 PERLA



G365 PIETRA



G170 NERO

	IT	EN	DE	FR
Composizione Composition Zusammenstellung Composición	Acrylic 100% tinto massa	100% solution dyed acrylic	100% Spinnfärbefärbtes Acryl	100% acrilique teinte masse
Finissaggio Finishing Ausrüstung Finitions	Green® by Sauleda & PURETi	Green® by Sauleda & PURETi	Green® by Sauleda & PURETi	Green® by Sauleda & PURETi
Trattamento Treatment Behandlung Traitement	Idrorepellente Antimuffa Antimacchia	Water repellent Anti-mould Anti-stain	Wasserabweisend Schimmelabweisend Schmutzabweisend	Hydrophobe Anti-fongique Antitache
Filato Yarn Garn Fil	ordito: PC 2/34 Nm trama: PC 2/34 Nm	warp: PC 2/34 Nm weft: PC 2/34 Nm	Kette: PC 2/34 Nm Schuss: PC 2/34 Nm	chaîne: PC 2/34 Nm trame: PC 2/34 Nm
Costruzione Construction Einstellung Contexture	ordito: 30 fili/cm trama: 15 fili/cm	warp: 30 yarns/cm weft: 15 yarns/cm	Kette: 30 Fäden/cm Schuss: 15 Fäden/cm	chaîne: 30 fils/cm trame: 15 fils/cm
Spessore Thickness Stärke Epaisseur	0,55 mm	0,55 mm	0,55 mm	0,55 mm
Peso tessuto / Weight Gewicht / Poids	300 g/m ²	300 g/m ²	300 g/m ²	300 g/m ²
Resistenza alla trazione Breaking strength Reißkraft Résistance à la traction (ISO 13934-1)	ordito: 140 DaN / 5 cm trama: 95 DaN / 5 cm	warp: 140 DaN / 5 cm weft: 95 DaN / 5 cm	Kette: 140 DaN / 5 cm Schuss: 95 DaN / 5 cm	chaîne: 140 DaN / 5 cm trame: 95 DaN / 5 cm
Resistenza allo strappo Tear strength Weiterreißfestigkeit Résistance à la déchirure (ISO 13937-1)	ordito: 3,5 DaN trama: 2,5 DaN	warp: ca 3,5 DaN weft: ca 2,5 DaN	Kette: 3,5 DaN Schuss: 2,5 DaN	chaîne: 3,5 DaN trame: 2,5 DaN
Solidità dei colori agli UV Color fastness (ISO 105 B02)	7-8/8	7-8/8	7-8/8	7-8/8
Altezza rotolo Roll width Breite Laize	120 cm	120 cm	120 cm	120 cm
Lunghezza rotolo Roll length Rollenlänge Longueur de la pièce	60 m	60 m	60 m	60 m
Spray test (ISO 24920)	5/5	5/5	5/5	5/5
Oleorepellenza Oil repellency Ölabweisend Repellence à l'huile (ISO 14419)	5	5	5	5



FADE RESISTANT



WATER REPELLENT



STAIN RESISTANT



MOULD RESISTANT



BREATHABLE

10
YEARS

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UTILIZZI

- tende avvolgibili e retrattili
- cappottine
- ombrelloni
- vele

APPLICATIONS

- roll up and retractable awnings
- dutch canopies
- sunshades
- sails

ANWENDUNGEN

- rollos
- kleine Zelte
- Sonnenschirm
- Segeln

APPLICATIONS

- stores bannes
- corbeilles
- parasol
- voiles

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