vertical blinds
roller blinds
roman blinds
panel blinds
pleated blinds
spc®
SOLAR PROTECTIVE COATING
reducing glare and heat build up
LOUVOLITE

Louvolite SPC®, Solar Protective Coating, is a treatment applied to the reverse side of fabrics which reflects heat and light more effectively than conventional materials.

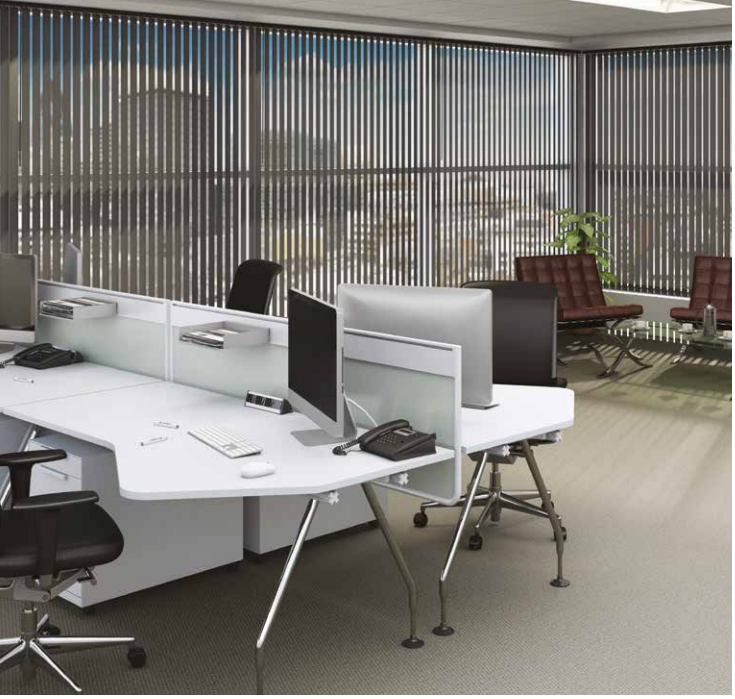
The result is a blind that reflects light more effectively than conventional fabrics which helps conserve energy in both winter and summer. SPC® retains heat in a room by reducing thermal loss through the window in winter and on summer days it reduces the heat build up through reflectance.

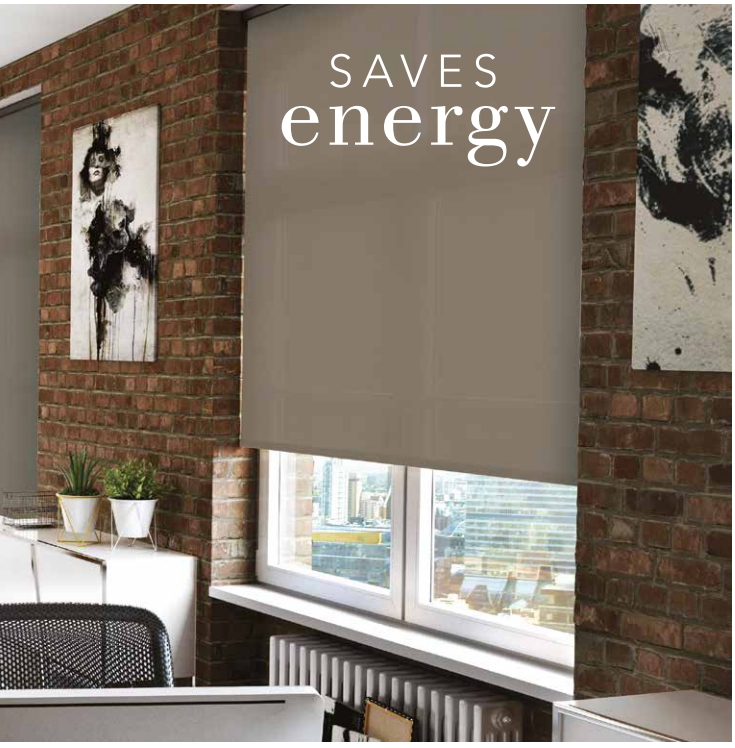
An additional benefit of the SPC® coating is it's ability to decrease glare - ideal for offices and commercial spaces using monitors.

SPC® coated blinds can be raised, lowered or adjusted to reduce the glare while still obtaining a view of the outside, all while saving energy and costs.

Each fabric range has its own unique aesthetic combined with the benefits of the SPC® coating to help reduce glare and heat build up. These fabrics will suit any room whether it be an office, hotel, school or in the healthcare sector.

View Louvolite's ranges of SPC® fabrics in our Performance Fabric for Window Blinds Contract Book






# solar, OPTICAL AND colour fastness PROPERTIES

| FABRIC | SOLAR $T_s$ | $R_s$ | $A_s$ | OPTICAL $T_o$ | $R_o$ | $A_o$ | SC | CF | DIM out | UV block | G TOT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **STRATA SPC** | | | | | | | | | | | |
| Calico | 17 | 65 | 18 | 11 | 65 | 24 | 0.37 | 6+ | 3 | 100 | 0.21 |
| Parchment | 14 | 65 | 21 | 4 | 61 | 35 | 0.37 | 6+ | 3 | 100 | 0.19 |
| Poplin | 15 | 69 | 16 | 8 | 70 | 22 | 0.33 | 6+ | 3 | 100 | 0.19 |
| **CONTEX SPC** | | | | | | | | | | | |
| Lunar | 18 | 71 | 11 | 17 | 76 | 7 | 0.31 | 6+ | 2 | 100 | 0.21 |
| Moonstone | 16 | 77 | 7 | 13 | 85 | 2 | 0.26 | 6+ | 3 | 100 | 0.18 |
| Stardust | 14 | 80 | 16 | 9 | 88 | 3 | 0.23 | 6+ | 3 | 100 | 0.15 |
| **CARNIVAL SPC LOW E** | | | | | | | | | | | |
| Anchor | 7 | 80 | 13 | 5 | 86 | 9 | 0.23 | 6 | 3 | 100 | 0.11 |
| Flax | 13 | 79 | 8 | 10 | 88 | 2 | 0.24 | 6 | 3 | 100 | 0.15 |
| Linen | 11 | 81 | 8 | 8 | 90 | 2 | 0.27 | 6 | 3 | 100 | 0.13 |
| Platinum | 12 | 76 | 12 | 7 | 84 | 9 | 0.27 | 6 | 3 | 100 | 0.15 |
| Shell | 13 | 79 | 8 | 11 | 88 | 1 | 0.24 | 6 | 3 | 100 | 0.15 |
| Stone | 12 | 77 | 11 | 8 | 86 | 6 | 0.26 | 6 | 3 | 100 | 0.15 |
| **REGENCY SPC** | | | | | | | | | | | |
| Cream | 22 | 70 | 8 | 19 | 76 | 5 | 0.32 | 6+ | 2 | 100 | 0.24 |
| Oyster | 20 | 70 | 10 | 16 | 75 | 9 | 0.32 | 6 | 2 | 100 | 0.23 |
| Taupe | 19 | 68 | 13 | 12 | 71 | 17 | 0.34 | 6+ | 3 | 100 | 0.22 |
| White | 22 | 69 | 9 | 20 | 75 | 5 | 0.33 | 6+ | 2 | 100 | 0.24 |
| **DAPPLE SPC+** | | | | | | | | | | | |
| Cream | 15 | 52 | 33 | 1 | 55 | 44 | 0.50 | 6+ | 3 | 100 | 0.24 |
| Ice | 16 | 53 | 31 | 14 | 56 | 30 | 0.49 | 6+ | 3 | 100 | 0.24 |
| Linen | 10 | 70 | 20 | 5 | 70 | 25 | 0.32 | 6 | 3 | 100 | 0.15 |
| Ocean | 6 | 50 | 44 | 0 | 27 | 73 | 0.52 | 6 | 3 | 100 | 0.17 |
| Slate | 11 | 43 | 46 | 3 | 39 | 58 | 0.58 | 6+ | 3 | 100 | 0.23 |
| Steel | 7 | 54 | 39 | 0 | 36 | 64 | 0.48 | 6 | 3 | 100 | 0.17 |

**STRATA SPC®** has real depth thanks to the combination of neutral tones within the fine horizontal weave

**CARNIVAL SPC LOW E®** is a popular light filtering fabric treated with Ultra-Fresh* and Pollergen®

**CONTEX SPC®** is a plain glass fibre performance fabric with subtle metallic sheen and treated with Ultra-Fresh*

**REGENCY SPC®** is a classic fine vertical stripe with a performance SPC® coating to the back, available in four neutral colours

**DAPPLE SPC®+** is a popular stitch bond fabric featuring a self-coloured reflective backing

## SOLAR, OPTICAL AND COLOUR FASTNESS PROPERTIES KEY

T: % Transmittance
For $T_V$ results use $T_O$ results
R: % Reflectance
A: % Absorption
SC: Shading Co-efficient
CF: Colour Fastness

**Dim out:**
1: High light penetration
4: Low light penetration
5: Blackout
**UV Block:** The % of UV light blocked by the fabric.

**G TOT:**
A measure of total solar energy that passes through the glazing system and the blind fabric.

# FABRICS TECHNICAL CHART

| FABRIC | FABRIC WIDTH | FABRIC WEIGHT | FABRIC COMP | FLAME RETARDANT | ROLLER | VERTICAL | ROMAN | PANEL | PLEATED | ULTRA-FRESH | POLLERGEN | SPC | GREENSHIELD | WIPE CLEAN | MACHINE WASH (vertical only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Contex SPC® | 2.00m | 245g/m² | 100% Glass Fibre | • | • | • | • | • | | • | • | • | • | • | • |
| Carnival SPC® Low E | 2.05m | 262g/m² | 100% Polyester | • | • | • | • | • | | • | • | • | • | • | • |
| Dapple SPC®+ | 2.00m | 300g/m² | 100% Polyester | • | • | • | • | | | | • | • | • | • | • |
| Regency SPC® | 2.00m | 191g/m² | 100% Polyester | • | • | • | • | • | • | | • | • | • | • | • |
| Strata SPC® | 2.08m | 186g/m² | 100% Polyester | • | • | • | • | • | • | | • | • | • | • | • |

SHADING CO-EFFICIENT
The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, therefore, the higher the efficiency of the fabric.

ULTRA-FRESH*
Treated with Ultra-Fresh for protection against the growth of odour causing bacteria and to preserve fabric freshness for longer.

*Ultra-Fresh is a registered trademark of Thomson Research Associates, Canada.

FLAME RETARDANT
All Louvolite SPC® fabrics meet FR standard BS 5867 Part 2 Type B.
Further information is available on request.

CLEANING
See manufacturers instructions.
Tested in accordance with BS EN 26330:1994 method 7a

POLLERGEN™
Pollergen™ treated fabrics will de-nature up to 50% of pollen when the two come into contact, so a deployed blind can dramatically decrease the amount of active pollen that can enter a room.

GREENSHIELD
Fabrics featuring Greenshield have been tested to confirm no harmful VOC's or hazardous substances will be released into the environment in quantities that are recognised as potentially dangerous to occupants of dwellings or buildings.

Contex SPC® has the additional benefit of being treated with Ultra-Fresh*, an antimicrobial coating that offers proven protection from microbial attack by controlling the growth of unwanted microbes.

Fabrics treated with Ultra-Fresh provide protection against growth of odour causing bacteria and prevents stains associated with those bacteria, fungi, mildew and moulds.

Keeping window blinds fresher and cleaner for longer. Ultra-Fresh is recommended for use in healthcare sectors, care homes, catering facilities, schools and nurseries.

*Ultra-Fresh is a registered trademark of Thomson Research Associates, Canada.

OUR QUALITY FABRICS ARE AVAILABLE THROUGH
OUR CUSTOMER SERVICE DEPARTMENT

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