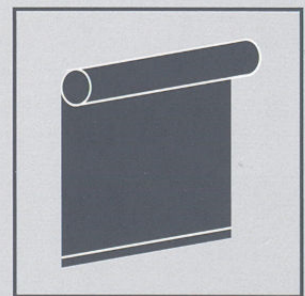
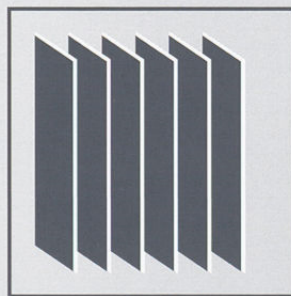
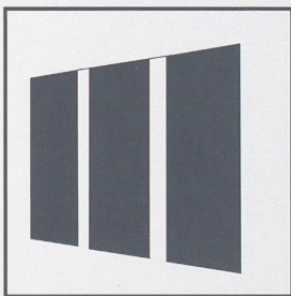




**Schallabsorbierende & flammhemmende
Sonnenschutztextilien**

acoustic & flame retardent sun protection textiles

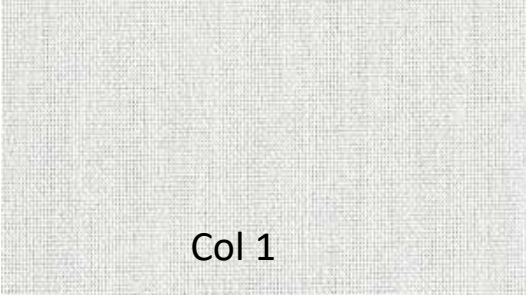
tissus effect acoustique & protection solaire



Verotex

made in Germany

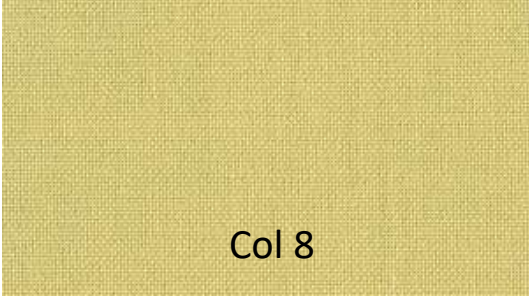
TOILE VEROSAFE 12.121



Col 1




Col 2



Col 8



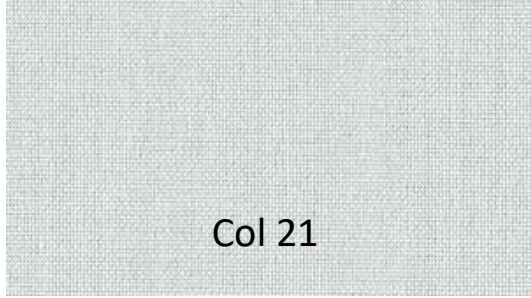
Col 11



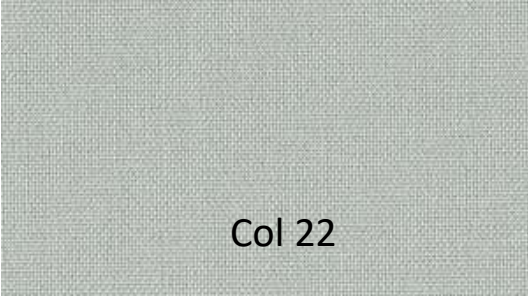
Col 13



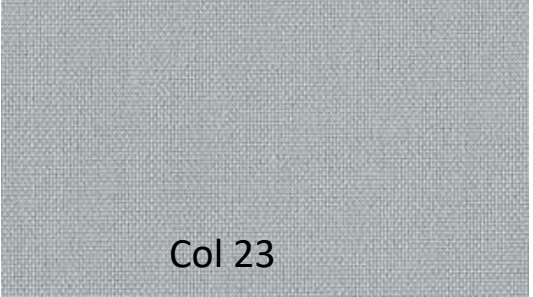
Col 14



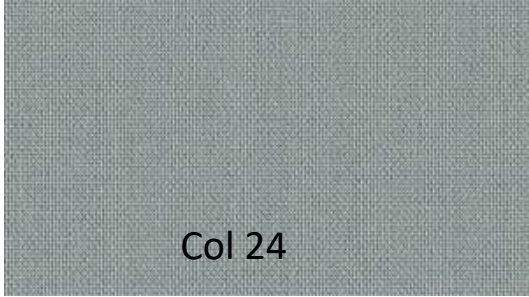
Col 21



Col 22



Col 23



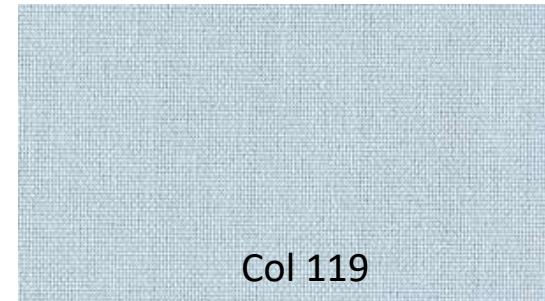
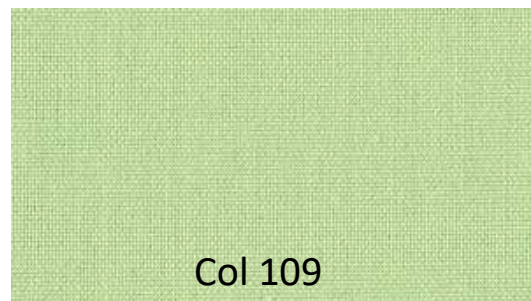
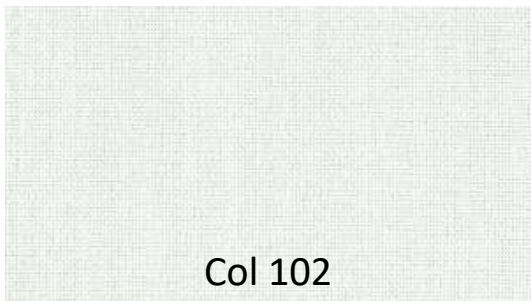
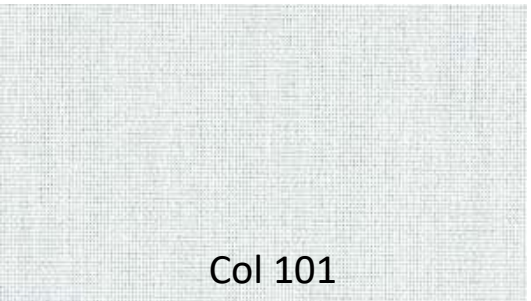
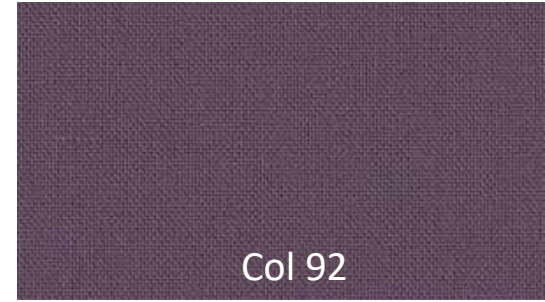
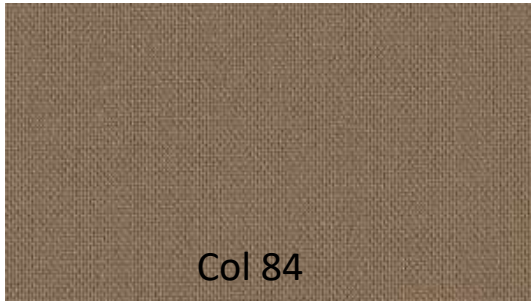
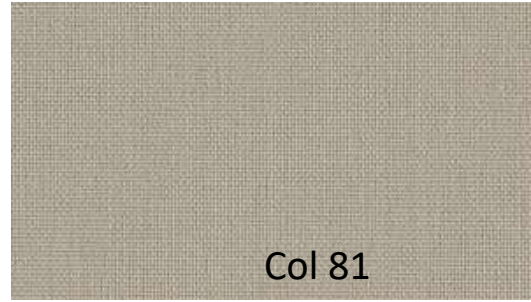
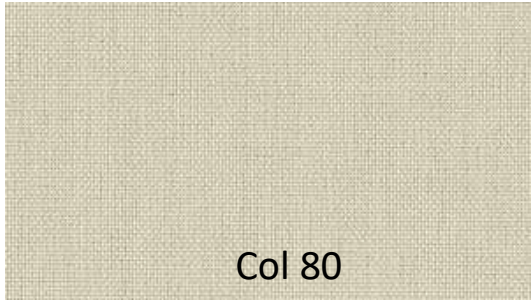
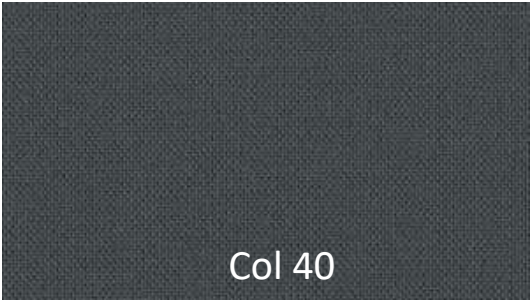
Col 24

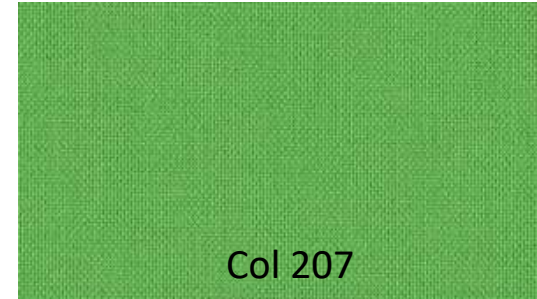
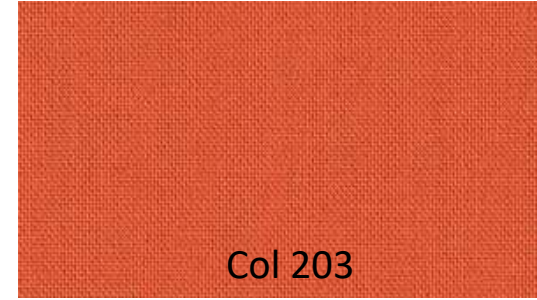
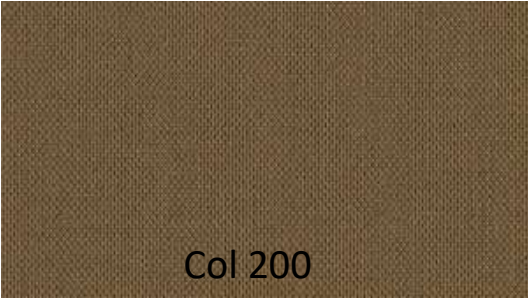
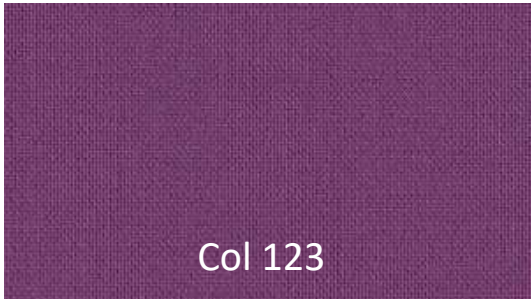
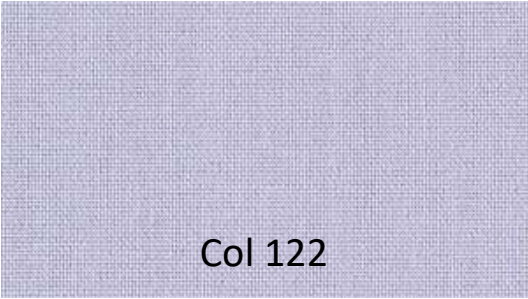


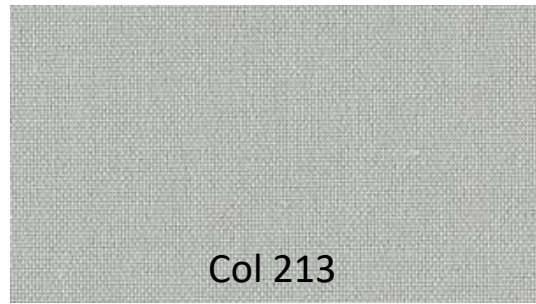
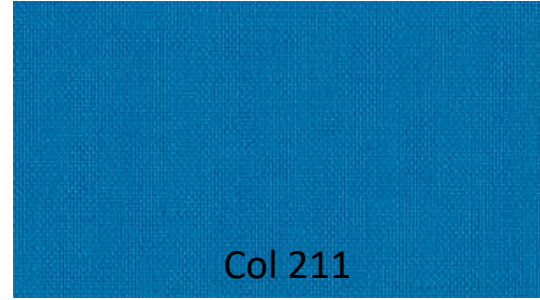
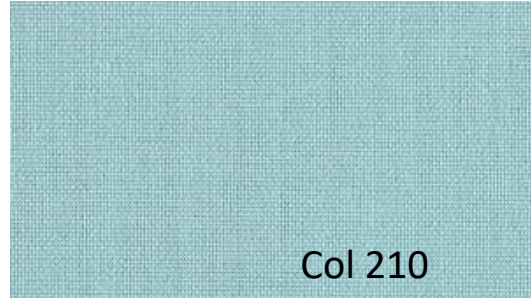
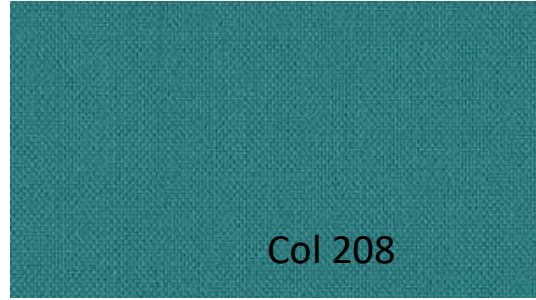
Col 26



Col 39









Economically friendly according to OEKO TEX 100 standard - no PVC, no halogen or formaldehyde -

Ecologique selon le standard OEKO-TEX 100 - sans PVC, sans halogène ou formaldéhyde -



VEROSAFE®
12.121 z.B. Fb. 1



270g/m²



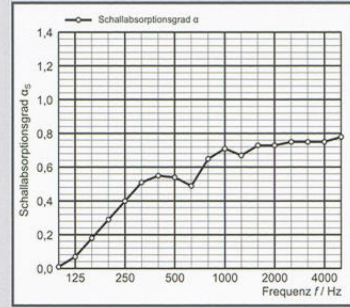
DIN 4102 B1, M1



0,49mm



$\alpha_w = 60\%$ class C



| Frequenz [Hz] | α_s Terz | α_s Oktave |
|---------------|-----------------|-------------------|
| 100 | 0.01 | |
| 125 | 0.07 | 0.10 |
| 160 | 0.18 | |
| 200 | 0.29 | |
| 250 | 0.40 | 0.40 |
| 315 | 0.51 | |
| 400 | 0.55 | 0.55 |
| 500 | 0.54 | |
| 630 | 0.49 | |
| 800 | 0.65 | |
| 1000 | 0.71 | 0.70 |
| 1250 | 0.67 | |
| 1600 | 0.73 | |
| 2000 | 0.73 | 0.75 |
| 2500 | 0.75 | |
| 3150 | 0.75 | |
| 4000 | 0.75 | 0.75 |
| 5000 | 0.78 | |



FICHE TECHNIQUE



- Numéro d'article:** 12.121
- Groupe de produits:** VEROSAFE®
- Matériau:** 100 % Trevira CS, armure-toile
- Poids:** 270 gr/m²
- Epaisseur:** 0,49 mm
- Largeurs standard:** 89mm, 127mm, 2500mm, certains coloris sont disponibles en laize de 3000 mm
- Nettoyage:** bandes verticales: lavable à une température de 30°C (ne pas essorer); enrouleurs, plissés, etc.: nettoyage par une entreprise spécialisée, recommandé
- Caractéristiques:**
- Difficilement inflammable: caractéristique testée et certifiée:
 - B1 selon la norme DIN 4102
 - M1 selon la norme NF P 92-507 (2007)
 - classification de comportement au feu: B-s1,d0 selon la norme DIN EN 13501-1
 - écologique selon le standard OEKO-TEX 100
 - sans PVC, sans émanation de gaz halogène
 - aucune enduction sur la surface du produit
 - Solidité à la lumière selon la norme DIN EN ISO 105 B02: 6 - 7
 - Lisières soudées à chaud. Pour tout type de confection; découpe à chaud ou à ultrason avec film de soudure.
 - convient pour des pièces humides
 - **Performance acoustique : degré d'absorption acoustique:**
 $\alpha_w = 60\%$ (200mm) selon la norme DIN EN ISO 354

| COLORIS | confort visuel | | | confort thermique | | | UV-Transm. | F _c -valeur* | pass. énergie totale* | | |
|---------|----------------|-----|-----|-------------------|-----|-----|-----------------|--------------------------------|----------------------------------|-------------------|-------------------|
| | extérieur | | | extérieur | | | | DIN EN 14501 * g-verre 0.70 | DIN EN 13363-1 * g-verre 0.70 | c-verre 0.59** | d-verre 0.32** |
| | Rv | Tv | Av | Rs | Ts | As | t _{UV} | F _c | g _{tot} | | |
| 1 | 61% | 37% | 2% | 58% | 36% | 6% | 23% | 0,58 | 42% | 39% | 26% |
| 2 | 59% | 33% | 8% | 57% | 35% | 8% | 21% | 0,58 | 42% | 39% | 26% |
| 8 | 53% | 26% | 21% | 50% | 26% | 24% | 6% | 0,62 | 45% | 41% | 26% |
| 11 | 9% | 2% | 89% | 34% | 18% | 48% | 3% | 0,72 | 52% | 46% | 28% |
| 13 | 44% | 21% | 35% | 47% | 25% | 28% | 6% | 0,64 | 46% | 42% | 27% |
| 14 | 14% | 6% | 80% | 40% | 26% | 34% | 4% | 0,68 | 49% | 44% | 27% |
| 21 | 58% | 32% | 10% | 59% | 33% | 8% | 20% | 0,57 | 41% | 38% | 26% |
| 22 | 44% | 20% | 36% | 51% | 28% | 21% | 12% | 0,61 | 44% | 41% | 26% |
| 23 | 40% | 16% | 44% | 50% | 24% | 26% | 10% | 0,62 | 45% | 41% | 26% |
| 24 | 25% | 10% | 65% | 43% | 24% | 33% | 8% | 0,66 | 48% | 43% | 27% |
| 26 | 37% | 16% | 47% | 47% | 25% | 28% | 3% | 0,64 | 46% | 42% | 27% |
| 39 | 5% | 2% | 93% | 32% | 18% | 50% | 3% | 0,74 | 51% | 46% | 28% |
| 40 | 9% | 3% | 88% | 35% | 19% | 46% | 3% | 0,72 | 50% | 45% | 28% |
| 80 | 52% | 25% | 23% | 53% | 28% | 19% | 11% | 0,60 | 43% | 40% | 26% |
| 81 | 39% | 15% | 46% | 50% | 25% | 25% | 7% | 0,62 | 45% | 41% | 26% |
| 82 | 29% | 10% | 61% | 45% | 22% | 33% | 5% | 0,65 | 47% | 42% | 27% |
| 83 | 16% | 5% | 79% | 39% | 20% | 41% | 4% | 0,69 | 49% | 44% | 27% |

| COLORIS | confort visuel | | | confort thermique | | | UV-Transm. | F _c -valeur* | pass. énergie totale* | | | |
|---------|----------------|-----|-----|-------------------|-----|-----|------------|-------------------------|-----------------------|----------------|--------------|--------------|
| | extérieur | | | extérieur | | | | | DIN EN 14501 | DIN EN 13363-1 | c-verre | d-verre |
| | Rv | Tv | Av | Rs | Ts | As | | | t _{UV} | F _c | g-verre 0.70 | g-verre 0.70 |
| 84 | 17% | 5% | 78% | 39% | 21% | 40% | 4% | 0,69 | 49% | 44% | 27% | |
| 90 | 3% | 1% | 96% | 31% | 17% | 52% | 2% | 0,73 | 53% | 46% | 28% | |
| 92 | 10% | 4% | 86% | 33% | 19% | 48% | 4% | 0,73 | 51% | 46% | 28% | |
| 101 | 62% | 35% | 3% | 59% | 35% | 6% | 21% | 0,58 | 41% | 38% | 26% | |
| 102 | 61% | 35% | 4% | 59% | 35% | 6% | 22% | 0,58 | 41% | 38% | 26% | |
| 109 | 57% | 33% | 10% | 54% | 32% | 14% | 14% | 0,61 | 43% | 40% | 26% | |
| 119 | 55% | 30% | 15% | 57% | 33% | 10% | 22% | 0,59 | 41% | 39% | 26% | |
| 122 | 51% | 27% | 22% | 57% | 32% | 11% | 20% | 0,59 | 42% | 39% | 26% | |
| 123 | 11% | 3% | 86% | 37% | 18% | 45% | 3% | 0,71 | 49% | 45% | 27% | |
| 128 | 7% | 2% | 91% | 31% | 16% | 53% | 2% | 0,74 | 52% | 46% | 28% | |
| 144 | 57% | 31% | 12% | 56% | 31% | 13% | 15% | 0,59 | 42% | 39% | 26% | |
| 200 | 12% | 7% | 81% | 35% | 23% | 42% | 5% | 0,72 | 51% | 45% | 28% | |
| 201 | 35% | 18% | 47% | 44% | 27% | 29% | 5% | 0,67 | 47% | 43% | 27% | |
| 202 | 28% | 12% | 60% | 42% | 25% | 33% | 5% | 0,68 | 48% | 43% | 27% | |
| 203 | 22% | 13% | 65% | 40% | 26% | 34% | 6% | 0,69 | 48% | 44% | 27% | |
| 204 | 18% | 10% | 72% | 39% | 25% | 36% | 5% | 0,70 | 49% | 44% | 27% | |
| 205 | 10% | 6% | 84% | 37% | 23% | 40% | 6% | 0,71 | 50% | 45% | 27% | |
| 206 | 42% | 22% | 36% | 42% | 24% | 34% | 11% | 0,68 | 47% | 43% | 27% | |
| 207 | 31% | 14% | 55% | 38% | 21% | 41% | 6% | 0,70 | 49% | 44% | 27% | |
| 208 | 18% | 7% | 75% | 36% | 21% | 43% | 6% | 0,71 | 50% | 45% | 28% | |
| 209 | 8% | 5% | 87% | 29% | 19% | 52% | 4% | 0,75 | 53% | 47% | 28% | |
| 210 | 51% | 31% | 18% | 53% | 33% | 14% | 22% | 0,62 | 43% | 40% | 26% | |
| 211 | 15% | 8% | 77% | 34% | 21% | 45% | 6% | 0,73 | 51% | 46% | 28% | |
| 213 | 44% | 24% | 32% | 52% | 31% | 17% | 17% | 0,62 | 44% | 40% | 26% | |

Facteur d'ouverture: 1



** Les valeurs g_{tot} ont été calculées selon la norme simplifiée DIN EN 13363-1