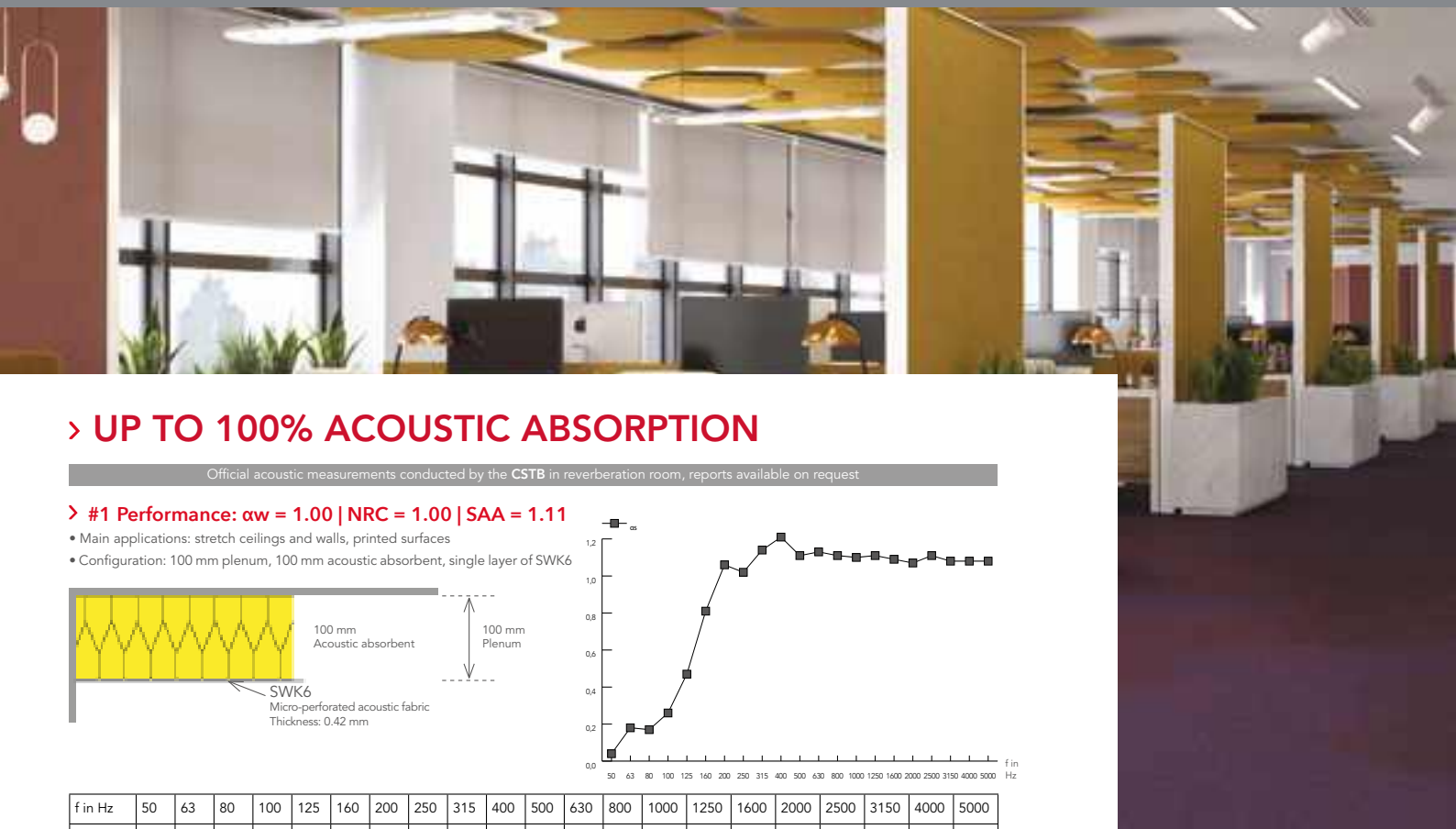


# SWK6

Micro-perforated acoustic fabric for ceilings, walls, panels and screens.

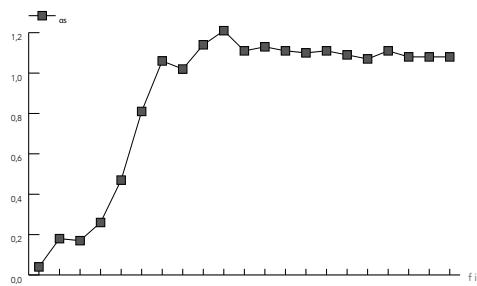
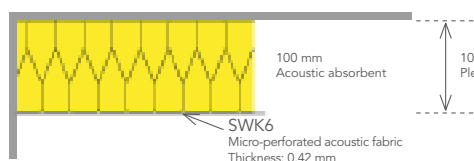


## > UP TO 100% ACOUSTIC ABSORPTION

Official acoustic measurements conducted by the CSTB in reverberation room, reports available on request

### > #1 Performance: $\alpha_w = 1.00$ | NRC = 1.00 | SAA = 1.11

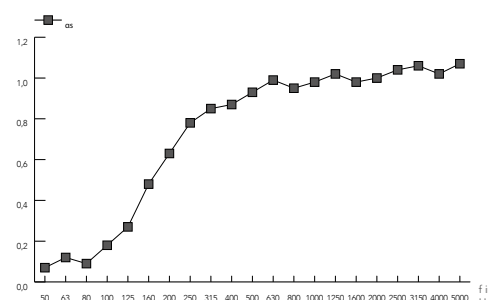
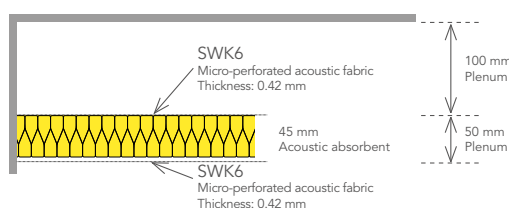
- Main applications: stretch ceilings and walls, printed surfaces
- Configuration: 100 mm plenum, 100 mm acoustic absorbent, single layer of SWK6



f in Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
$\alpha_s$	0,04	0,18	0,17	0,26	0,47	0,81	1,06	1,02	1,14	1,21	1,11	1,13	1,11	1,10	1,11	1,09	1,07	1,11	1,08	1,08	1,08

### > #2 Performance: $\alpha_w = 1.00$ | NRC = 0.95 | SAA = 0.92

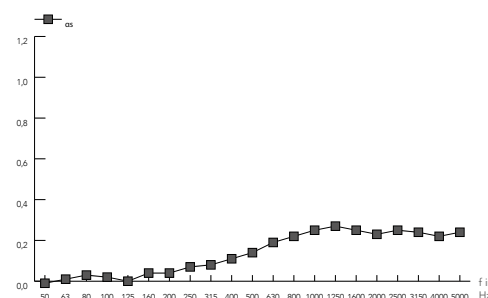
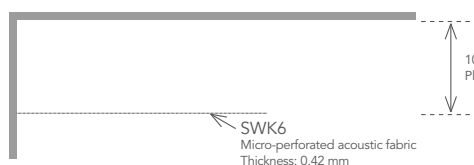
- Main applications: acoustic panels, baffles, printed surfaces
- Configuration: 50 mm plenum, 45 mm acoustic absorbent, double layer of SWK6



f in Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
$\alpha_s$	0,07	0,12	0,09	0,18	0,27	0,48	0,63	0,78	0,85	0,87	0,93	0,99	0,95	0,98	1,02	0,98	1,00	1,04	1,06	1,02	1,07

### > #3 Performance: $\alpha_w = 0.25$ | NRC = 0.20 | SAA = 0.18

- Main applications: ZIP screens, velums, aesthetic sliding panels, sails, stretch ceilings and walls
- Configuration: 100 mm plenum, single layer of SWK6



f in Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
$\alpha_s$	-0,01	0,01	0,03	0,02	0,00	0,04	0,04	0,07	0,08	0,11	0,14	0,19	0,22	0,25	0,27	0,25	0,23	0,25	0,24	0,22	0,24

# SWK6

Micro-perforated acoustic fabric for ceilings, walls, panels and screens.



## > ACOUSTIC COMFORT

- SWK6 is an acoustic fabric to use alone or with an absorber for optimal results in most operating conditions
- SWK6 reduces reverberation and is absorbent at all frequencies to provide effective sound correction for a complete range of needs.

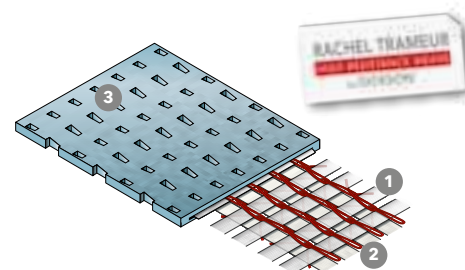
## > VERSATILE

a fabric that stands the test of time

- Welded or sewn, with excellent aesthetic and acoustic qualities, SWK6 is suitable for indoor and outdoor use.
- Adapted to all tensile fabric architecture requirements, SWK6 easily fits any specific size, shape or dimension.
- Regular and available in some twenty colours, SWK6 comes in two widths, 150cm and 300cm, to ensure prescribers a homogeneous layout.
- SWK6 fabric is fully printable with the designs of your choice.

## > RESISTANCE

- SWK6 has a Rachel Trameur construction. Fully resistant to tearing, it is ideal for any high-traffic and public-use space.
- SWK6 can be installed with any type of perforation and penetration (sprinklers, lighting fixtures and suspensions) with zero risk of deformation and is impact resistant.



- 1 Textile ply formed by weaving high-strength polyester yarn
- 2 Binder yarn secures the textile ply but allows the threads to move independently of each other, thereby distributing and absorbing the mechanical energy in the event of tearing.
- 3 A special coating that protects colours from UV rays and inclement weather.

## > SUSTAINABLE DEVELOPMENT

SSWK6 is manufactured in France, in compliance with the REACH regulation and is ISO 9001 Quality Management System and ISO 14001 Environmental Management System certified.

SWK6 has a low carbon footprint (1.6 kg CO<sub>2</sub> equivalent) due in particular to its weight of 300 g/m<sup>2</sup> and controlled material quantity. EPD (Environmental Product Declaration) available on request.

Used with SWK6, the impact of dynamic solar protection on the energy gain and reduced carbon footprint of a building in the European Union is 22% on average (source: ES-SO).

SWK6 reduces the building's environmental footprint throughout its lifetime.

SWK6 is certified A+ and Greenguard Gold to guarantee consistent indoor air quality.

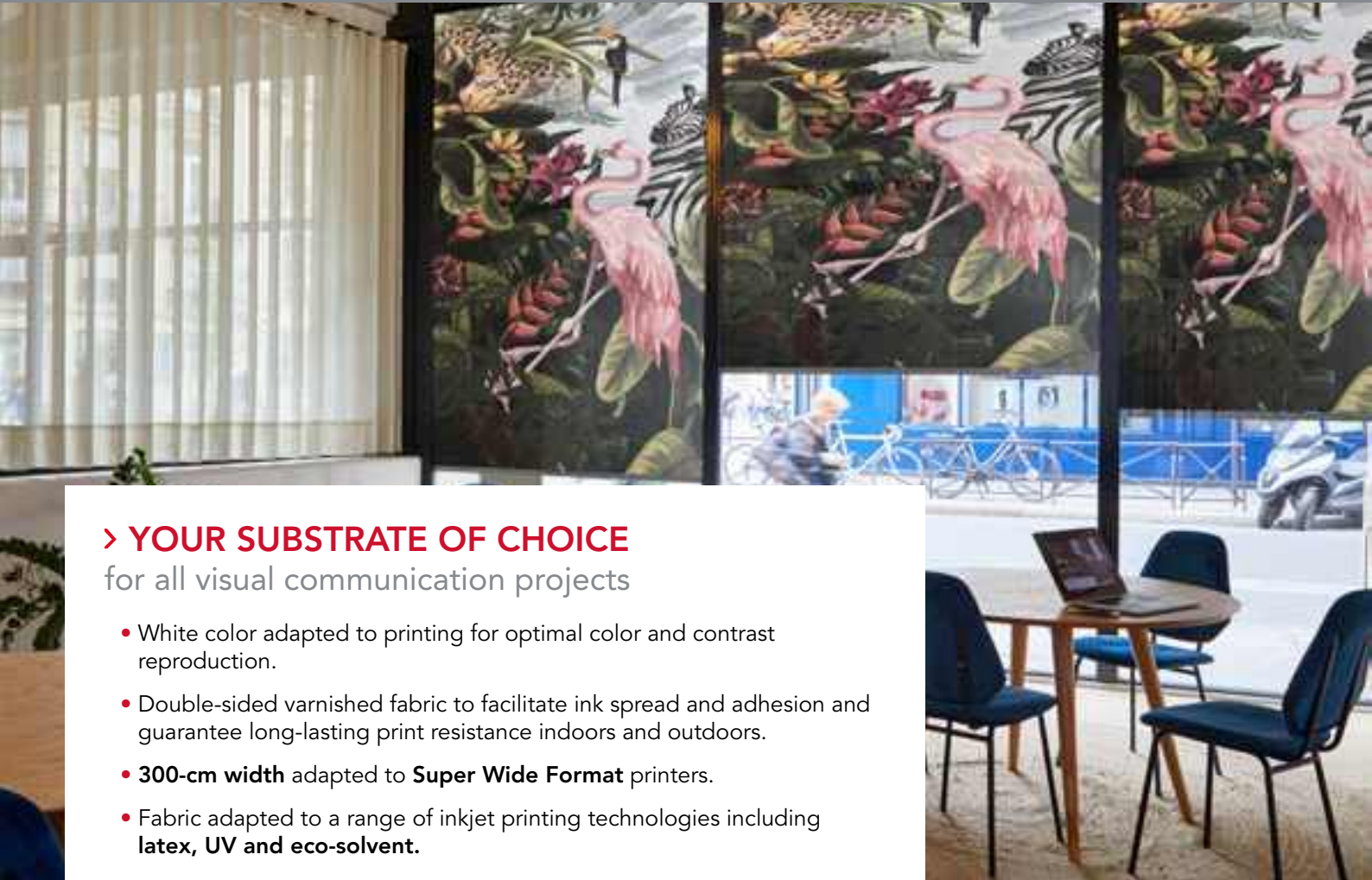
By guaranteeing thermal, visual and acoustic comfort, energy performance and indoor air quality, SWK6 is a major ally in obtaining HQE, BREEAM or LEED certification.

SWK6 supports your recycling policy and gives a new lease of life to your waste through its «RE-SOURCE» program. Partnership charter available on request.

Our BIM object is available for your digital mock-up via the BIM OBJECT platform ([www.bimobject.com](http://www.bimobject.com))

# SWK6 INK

Micro technical printing fabric.



## > YOUR SUBSTRATE OF CHOICE

for all visual communication projects

- White color adapted to printing for optimal color and contrast reproduction.
- Double-sided varnished fabric to facilitate ink spread and adhesion and guarantee long-lasting print resistance indoors and outdoors.
- **300-cm width** adapted to **Super Wide Format** printers.
- Fabric adapted to a range of inkjet printing technologies including **latex, UV and eco-solvent**.



## > VERSATILE

SWK6 INK is suitable for use on a wide range of substrates :



Vertical blind



Acoustic panel



Stretched wall



Stretched ceiling

Customizable, it also guarantees customers thermal, visual or acoustic comfort depending on the system used.

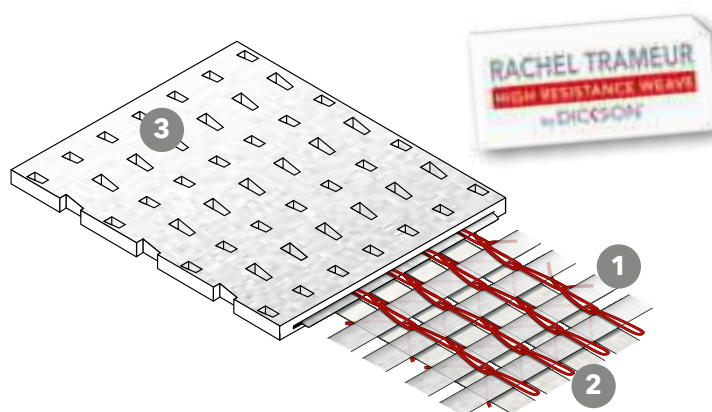
# SWK6 INK

Micro technical printing fabric.



## > MAXIMUM RESISTANCE

- SWK6 INK offers unbeatable tear resistance while remaining thin and light
- SWK6 INK is recommended for use in high traffic areas or on large surface areas
- SWK6 INK can be installed with any type of perforation and penetration (sprinklers, lighting fixtures and suspensions) with zero risk of deformation
- Used outdoors, its opening coefficient of 6% reduces wind resistance and system stress



- 1 Textile ply formed by weaving high-strength polyester yarn
- 2 Binder yarn secures the textile ply but allows the threads to move independently of each other, thereby distributing and absorbing the mechanical energy in the event of tearing.
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# SWK6

the guarantee of an optimal balance between thermal and visual comfort.



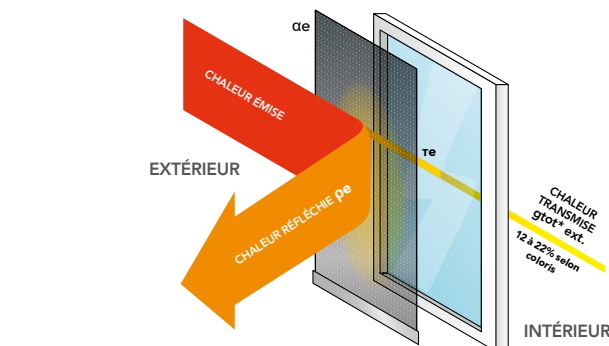
## > THERMAL COMFORT

building energy efficiency

As a natural air-conditioner, SWK6 is an essential stepping-stone to achieving the COP 21 goals. It is perfectly adapted to the service and residential sector for indoor and outdoor use

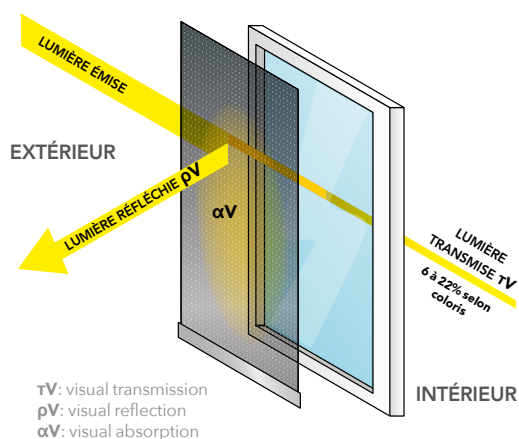
SWK6 :

- Rejects up to 94% of heat in summer, reducing the need for air conditioning
- Cuts heating costs in winter



Te: solar transmission  
pe: solar reflection  
αe: solar absorption

\* gtot: solar factor for the combination of fabric + reference glazing C



tV: visual transmission  
pV: visual reflection  
αV: visual absorption

## > VISUAL COMFORT

user well-being

The 6% opening coefficient of SWK6:

- Controls glare
- Offers excellent visual contact with the outside while protecting privacy inside
- Provides sufficient natural light, reducing the need for artificial lighting

# SWK6

the guarantee of an optimal balance  
between thermal and visual comfort.



## > MAXIMUM RESISTANCE

a fabric that stands the test of time

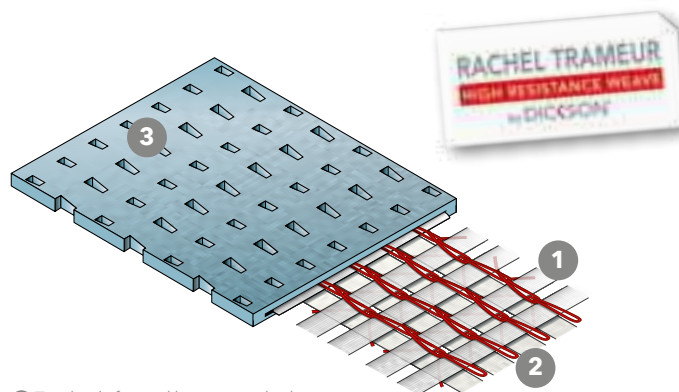
- The thinnest and lightest screen fabric on the market, SWK6 offers 5 x the tear propagation resistance of fiberglass.



300 g/m<sup>2</sup>



0.42 mm



- 1 Textile ply formed by weaving high-strength polyester yarn
- 2 Binder yarn secures the textile ply but allows the threads to move independently of each other, thereby distributing and absorbing the mechanical energy in the event of tearing.
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