

The background of the page features several overlapping rectangular glass samples in various colors: light beige, off-white, dark brown, dark blue, and grey. These samples are arranged in a fan-like pattern, creating a sense of depth and showcasing the range of colors available for the glass.

**SCHOTT**  
glass made of ideas

**NEXTREMA®**

For Architecture & Design

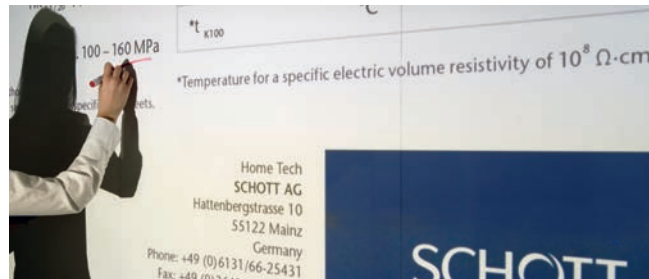
SCHOTT is a leading international technology group in the areas of specialty glass and glass-ceramics. With more than 130 years of outstanding development, materials and technology expertise we offer a broad portfolio of high-quality products and intelligent solutions that contribute to our customers' success.

This is also what the SCHOTT NEXTREMA® brand stands for. With high-performance glass-ceramic, SCHOTT offers a portfolio of materials that opens completely new fields of application for engineers and designers with its exceptional technical properties. As a real multi-talent, NEXTREMA® demonstrates what makes glass-ceramic a ground-breaking and unique solution, particularly in high temperature environments.



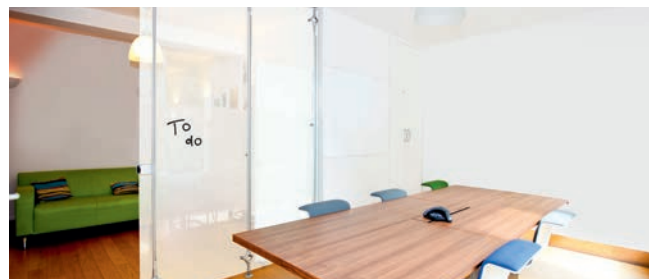
## Applications for the office

Let's think about office outfits: from table top, to projection screen, from super stylish white-board to board room partition or simply and beautifully across the whole desk space.



### White board/projection screen

- Bright vivid white
- Interactive write & project board
- Magnetic with metal back cover
- Cleanable even when using "permanent" markers



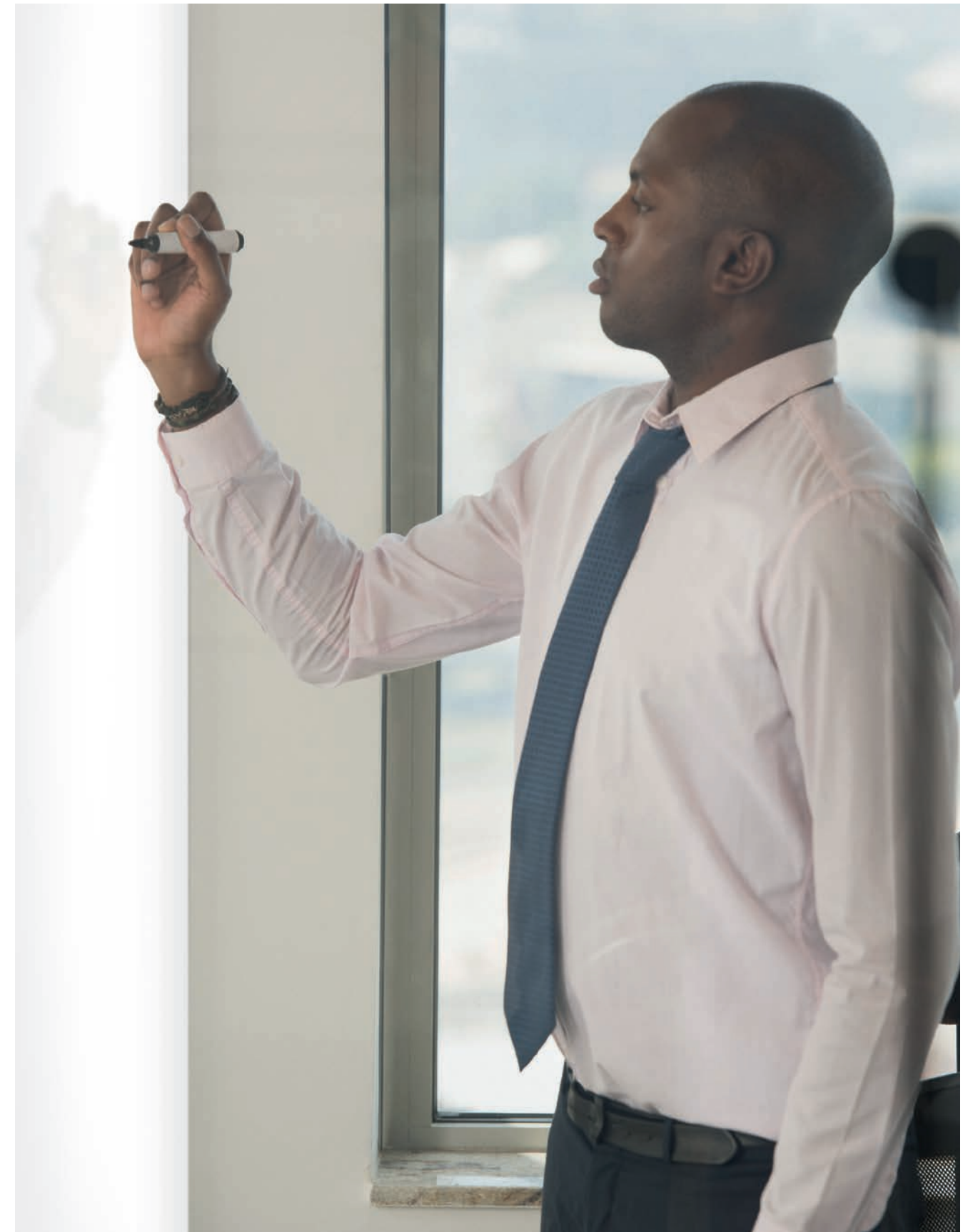
### Writing board/room partition

- Open office privacy
- Wall feature
- Mobile white board / partition
- Opaque nonflammable partitioning



### Translucent furniture separation

- Creative desk
- Furniture divider
- Co-working privacy
- Individual writing board





## Applications for the kitchen

Integrated solutions for the kitchen: counter top, back splash, screen, all in one surface. SCHOTT glass combination permits an elegant fun and safe kitchen.

### Kitchen counter/table top

- One surface, one look
- Bright vivid white
- Safe with aggressive cleaning agents
- Write or draw with the kids

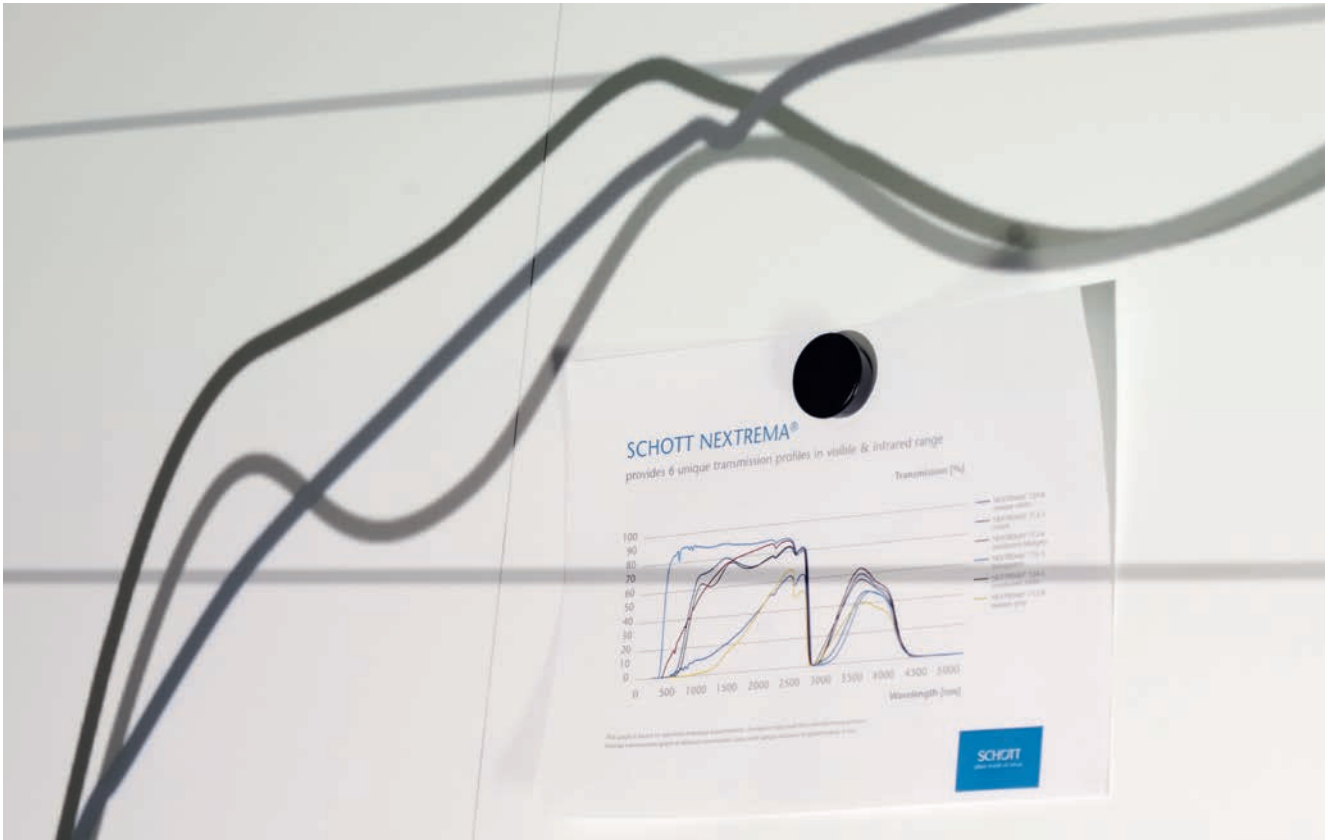


### Writable back splash

- Write your shopping list
- Leave personal messages
- Easy to clean







# The perfect match: NEXTREMA® for Architecture & Design

## White board / Writing board | Material properties:

- Easy to clean
- Chemical resistant (also when using aggressive cleaning agents)
- Formats up to 1,950 x 1,100 mm\*
- No discoloration
- Thickness 2-8 mm\*\*

$$\begin{aligned} &= \frac{\sum_{t=2}^n (y_t - y_1) \cdot (y_{t-1} - y_2)}{\sqrt{\sum_{t=2}^n (y_t - y_1)^2 \cdot \sum_{t=2}^n (y_{t-1} - y_2)^2}} \quad x_{lu} = \frac{\sum p_{0l} q_l}{\sum q_l} + \frac{\sum p_{00} q_0}{\sum q_0} \\ &= \frac{\sum_{t=2}^n e_t^2}{\sum_{t=2}^n y_t} \cdot \frac{\sum_{t=2}^n y_{t-1}}{\sum_{t=2}^n y_t} \cdot \frac{\sum_{t=2}^n y_t}{\sum_{t=2}^n y_{t-1}} \quad \beta_{yx} = r_{yx} \cdot \frac{S_y}{S_x}, (4) \\ &= \frac{\sum_{t=2}^n y_t}{n-1}; \quad y_2 = \frac{\sum_{t=2}^n y_{t-1}}{n-1}; \quad \int_0^{\pi} \sin x \, dx = -\cos x \Big|_0^{\pi} = -(-1) - (-1) = 0 \\ &= \frac{dQ_{ex}}{de} \cdot \frac{e}{Q_{ex}}; \quad \varepsilon_{im} = \frac{dQ_{im}}{de} \cdot \frac{e}{Q_{im}} \cdot \sqrt{\frac{g-3}{8/5}} \quad \int \int \sqrt{x+\sqrt{y}} \, dx \, dy \\ &= \frac{dQ_{ex}}{de} \Delta e - e \frac{dQ_{im}}{de} \Delta e - e Q_{im}, \quad \int_0^1 \frac{1}{x^2+5\sqrt{y}} \, dx \, dy \\ &= \frac{dQ_{ex}}{de} \Delta e - e \frac{dQ_{im}}{de} \Delta e - e Q_{im}, (4) \quad \frac{8}{105} (x+\sqrt{y})^{5/2} (-2x+5\sqrt{y}) \\ &= \int_0^1 (1-x)^{b-1} dx = \frac{1}{b} \quad \beta_{yx} = r_{yx} \cdot \frac{1}{56} \left( 7 + \sqrt{7(-5+4\sqrt{2})} \right) \pi \\ &= \frac{2(1-x)^{b-1}}{a} \Big|_0^1 + \frac{b-1}{a} \int_0^1 x^a (1-x)^{b-2} dx = f(x) = \frac{a_0}{2} + \sum_{n=1}^{\infty} (a_n \cos nx + b_n \sin nx) \\ &= \frac{1}{a} \int_0^1 x^{a-1} (1-x)^{b-2} dx - \frac{b-1}{a} \int_0^1 x^{a-1} (1-x)^{b-1} dx = \sum_{i=1}^N \nabla x_i \cdot \nabla y_i \\ &= \frac{1}{a} B(a, b-1) - \frac{b-1}{a} B(a, b), \quad r(\nabla x_f, \nabla y_f) = \frac{\sum_{i=1}^N \nabla^2 x_i \cdot \sum_{i=1}^N \nabla^2 y_i}{\sqrt{\sum_{i=1}^N \nabla^2 x_i^2 \cdot \sum_{i=1}^N \nabla^2 y_i^2}} \\ &= \frac{b-1}{a+b-1} B(a, b-1) = r_{yx} \cdot \frac{S_y}{S_x}, (4) \end{aligned}$$



## Room partition | Material properties:

- Light diffusion
- Easy to clean
- No discoloration
- Good abrasion resistance
- Chemical resistant (also when using aggressive cleaning agents)
- Formats up to 1,950 x 1,100 mm\*
- Thickness 2-8 mm\*\*

\* Other formats on request | \*\* Other thicknesses on request



## The perfect match: NEXTREMA® for Architecture & Design

### Furniture partition | Material properties:

- Easy to clean
- No discoloration
- Good abrasion resistance
- Chemical resistant (also when using aggressive cleaning agents)
- Good match with IR heating elements
- Formats up to 1,950 x 1,100 mm\*
- Thickness 2-8 mm\*\*



### Table top/kitchen counter and splash-back | Material properties:

- Easy to clean
- No discoloration
- Chemical resistant (also when using aggressive cleaning agents)
- Heat resistant
- Formats up to 1,950 x 1,100 mm\*
- Thickness 2-8 mm\*\*
- Good abrasion resistance
- Bending strength up to 168 MPa (for 4 mm thickness)
- Thermal shock resistance of up to 820 °C
- Lightweight material compared to ceramic or metal materials (density of 2.5-2.6 g/cm<sup>3</sup>)

\* Other formats on request | \*\* Other thicknesses on request

**SCHOTT North America, Inc.**

5530 Shepherdsville Road

Louisville, KY 40228

USA

Phone (502) 657-4417

[info.nextrema@us.schott.com](mailto:info.nextrema@us.schott.com)

[www.us.schott.com/nextrema](http://www.us.schott.com/nextrema)