Standard Collection

SGG EMALIT
SGG SERALIT

IMPORTANT NOTE

Technical data and contents may not be current.

Please use the print option from the website for current information

ECKELT

Ideal for creative Interior Design

Glass makes spaces light, airy and more spacious than the sober technology suggests – while glass allows daylight from windows to penetrate deep into rooms.

Architects and designers are more often discovering ways of employing glass for interior applications, using its transparency and particular aesthetic qualities in addition to the enormous potential for design. The architectural play with colour, surface reflections and light accentuates spaces and their function.

EMALIT and SERALIT are ideal for creative interior design. Both products are colourfast, light- and weather-resistant, resistant to temperature fluctuations and maintenance-free.

EMALIT is an enameled, tempered safety glass in accordance to EN 12150 and is normally produced using simple enameling. The enamel coating is applied to the glass surface using rollers. EMALIT is therefore designated for use when viewed from outside (glass surface) against a dark background. If the glass is to be bonded to a substrate we recommend ordering a thicker coating (casting coat).

The standard colour chart encompasses a choice of 50 colour tones – 32 of which use environmentally-friendly lead-free paint. Samples as well as orders are therefore easily accommodated. Custom colours are also possible – the cost of colour-matching is to be taken into account. A definite decision to place an order for production, particularly with metallic and non-standard colours, should only be made once an original sample has been seen. In specific cases we recommend a full-size mock-up in realistic conditions.

Arch.: Johannes Berger

Facades . Wall-cladding (also in wet-rooms) . Sanitary areas
Kitchens . Swimming pools . Laboratories . Furniture

EMALIT is not suitable for vision areas.

Arch.: Ernst Mayer
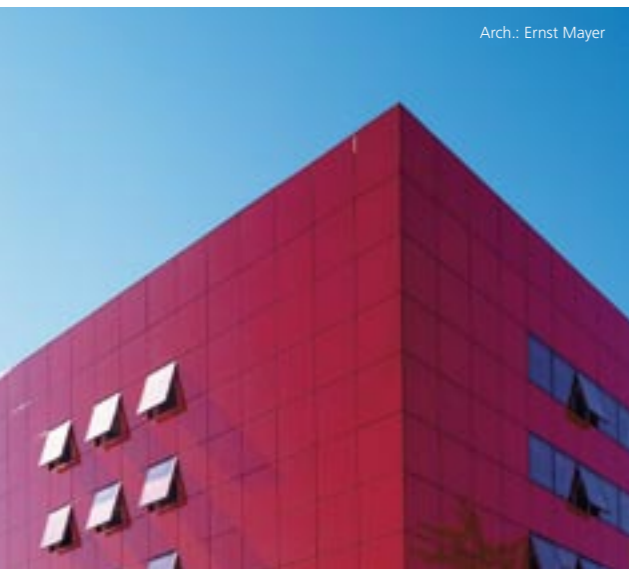
SGG EMALIT
The base material Float glass SGG-PLANILUX influences
the actual appearance of the colour with the characteristic
self-colour of the glass.

SGG EMALIT EXTRA BLANC
Here SGG PLANLUX DIAMANT is used as the base glass,
a special, decolorized, extra-white Float glass with very low iron
oxide content. The optical brilliance of colour rendition
is outstanding.

SGG EMALIT CONTRAST
The design glasses SGG MASTERCARRE
and SGG MASTERPOINT are used as basis glass.
See SGG EMALIT for colour palette and technical description
The sleek geometrical relief patterns produce interesting
reflections and light refractions dependent on the angle
of viewing and light incidence.

SGG EMALIT SATINOVO
SGG SATINOVO is used as basis glass which is
a Float glass completely etched on the viewing surface.
See EMALIT for colour palette and technical description
SGG EMALIT SATINOVO creates a completely new kind of
tactile material, which is enlivened by its appearance
and colour rendition.

SGG EMALIT METALL
A special pigmentation in the enamel gives a metallic effect.
It gives the glass a lively, more or less glittering appearance,
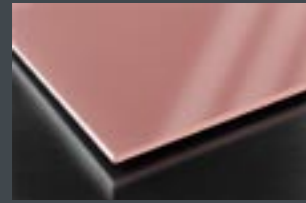depending on the light incidence and lighting conditions.
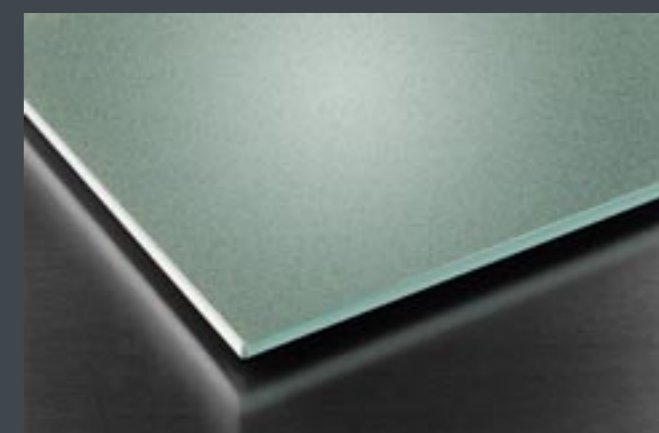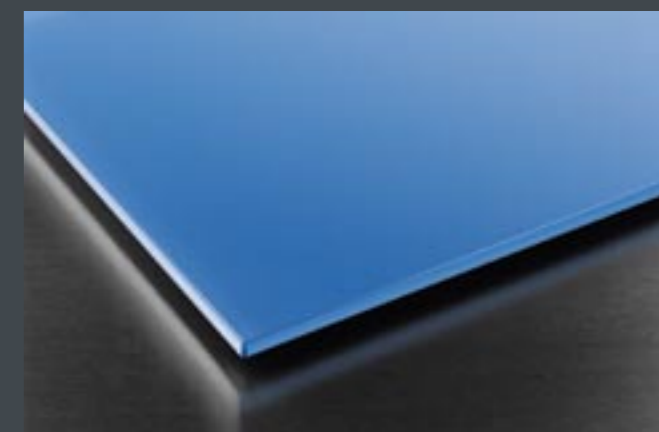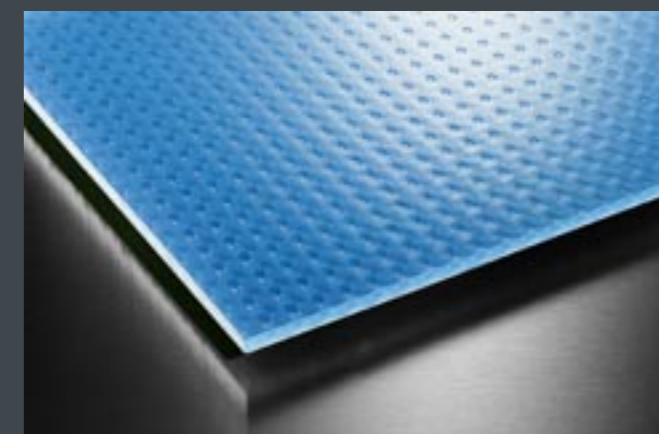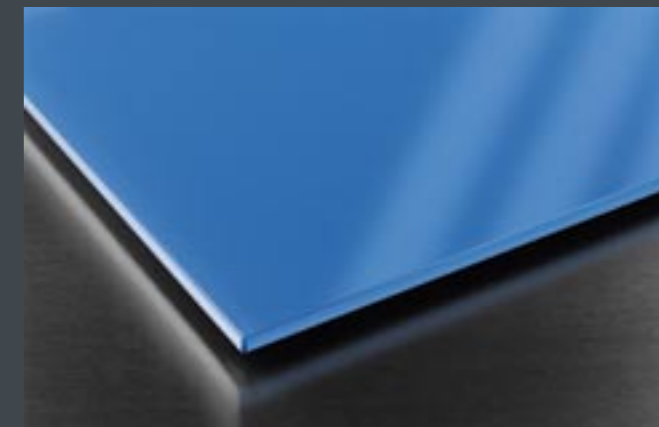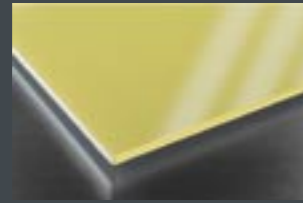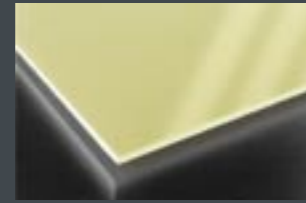
SGG EMALIT
Standard Collection
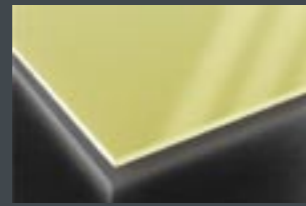
BF 150 WW	BF 512 WW

BF 312 WW	BF 103 WW	BF 151 WW	BF 682 WW
BF 311 WW	E 10-2 WW	BF 152 WW	BF 681 WW
BF 310 WW	E 10-3 WW	BF 642 WW	BF 680 WW
BF 300 WW	E 10-5 WW	BF 641 WW	BF 602 WW
E 30-4 WW	E 20-2 WW	BF 640 WW	E 60-4 WW
E 30-1 WW	E 20-4 WW	BF 601 WW	E 60-1 WW

BF 511 WW	EW 2 WW	BF 712 WW	E 80-1 WW
BF 510 WW	EW 5 WS	BF 711 WW	ES 2 WW
BF 500 WW	EW 19 WW	BF 710 WW	ES 1 WW
E 50-4 WW	BF 552 WW	BF 752 WW	BF 1 WW
BF 502 WW	BF 551 WW	E 70-3 WW	BF 750 WW
E 50-1 WW	BF 550 WW	BF 751 WW	BF 700 WW

Attractive
partial transparency

Arch.: Delugan-Meissl   Design: Roman Scheidl

The use of SGG SERALIT in living and working spaces brings atmosphere and ambience - the partial coating allows daylight trough into rooms whilst visibility from outside is apparently restricted.

The standard designs encompass a choice of 35 patterns. Samples and orders are therefore quickly and easily administered. The standard colour is white – but generally all Emalit Standard colours and custom designs possible to produce. The costs for colour-matching and setting-up of printing equipment is to be taken account of.

Artists discover the material glass and develop together with Eckelt motifs for screen-printing. Completely new applications of art on glass have become possible.

Examples of standard designs can be viewed on our website *www.eckelt.at* (under *"eckelt.ARTE"*) or in our showroom GLASINFORM in Vienna.

Facades . Wall-claddings . Skylights . Revolving doors
Sliding doors . Glass walls . Balustrades . Partitions
Shower enclosures . Table tops . Showcases

Arch.: Volkmar Burgstaller

Design: Peter Kogler and Tanja Rainer
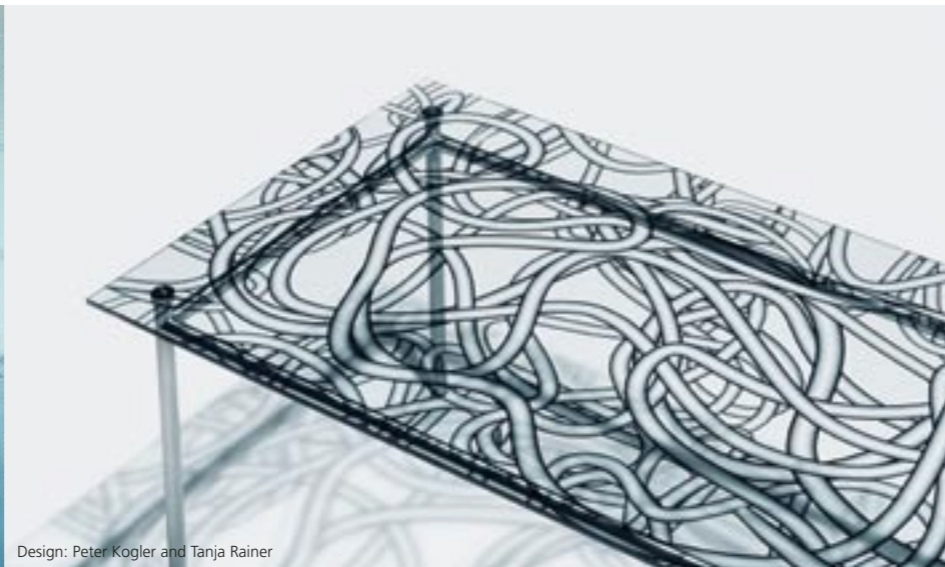
SGG SERALIT LITEX

Is a partially enameled tempered safety glass in accordance
with EN 12150. An attractive partial transparency is achieved by
using the Litex Standard designs, whereby the decorative effect
can be enhanced depending on the design and colour.
It is also possible to produce custom designs.
The glass substrate can be either Float,
Planilux Diamant or Satinovo.
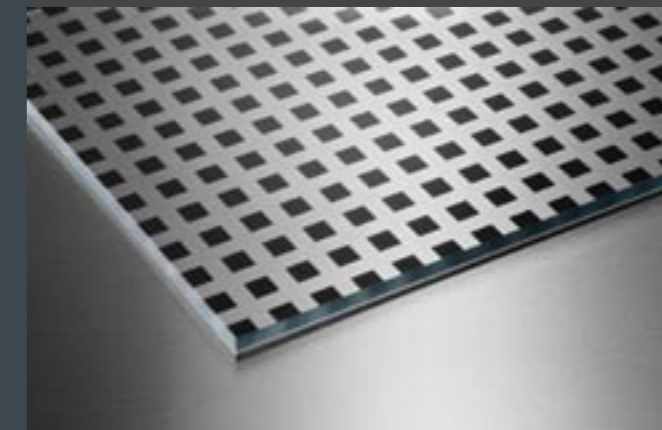
Attractive design possibilities are achievable when the
completely coated substrate of SGG MIRASTAR-Chrome mirror
is used in combination with SGG SERALIT LITEX.
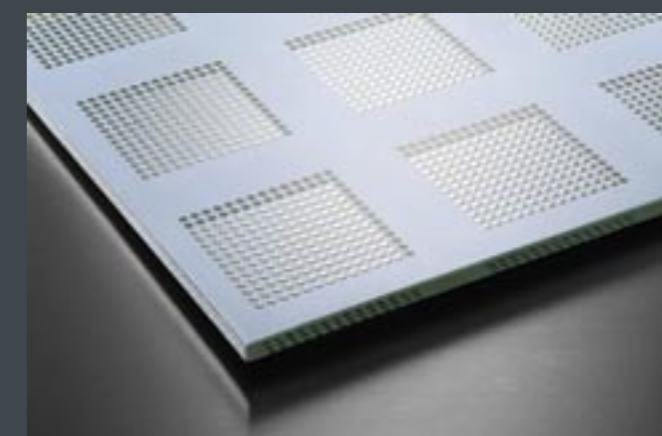
SGG SERALIT TRANSPARENT

The special coating of transparent enamel
is usually applied over the complete surface.
With SGG SERALIT-TRANSPARENT standard colours it is possible
to achieve extremely homogenous pastel tones. Through the
ambivalence between transparency and translucency a comple-
tely new aesthetic appearance is created which is characterized
through soft contours and imaginable boundaries.
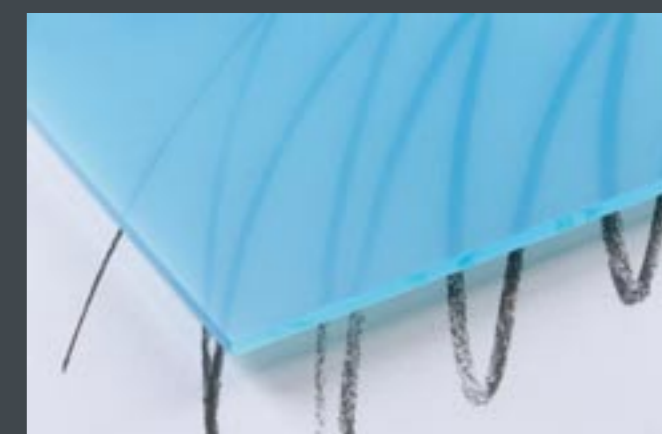
SGG SERALIT OPAK

The rendition of given lines, dots, areas or artistic designs in
up to five different colours within one sheet of glass is possible.
Standard and custom colours can find their use. A completely
coated coloured background provides SGG SERALIT OPAK
with a three-dimensional, structured appearance.
As a glass substrate either Float, Planilux Diamant
or Satinovo can be used.
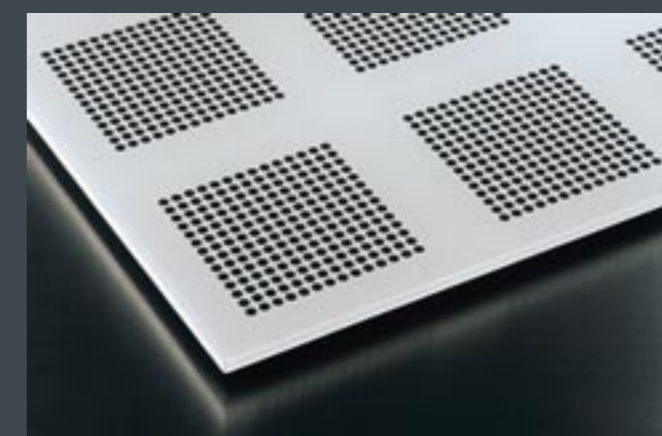
# SGG SERALIT LITEX
Standard Collection

Stock samples are available in white,
but all EMALIT standard colours can be produced.
The costs for colour-matching and setting-up
of printing equipment is to be taken account of
when using small amounts.

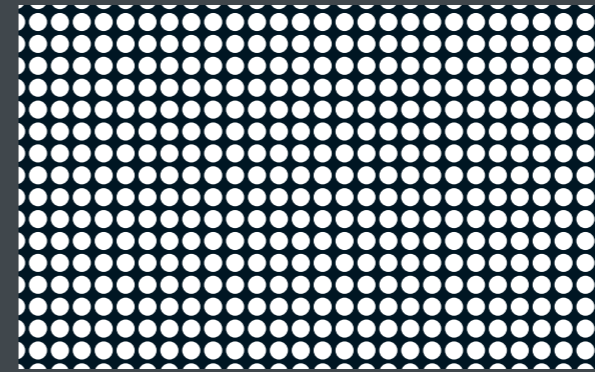The patterns marked with * can be printed either
vertically or horizontally.

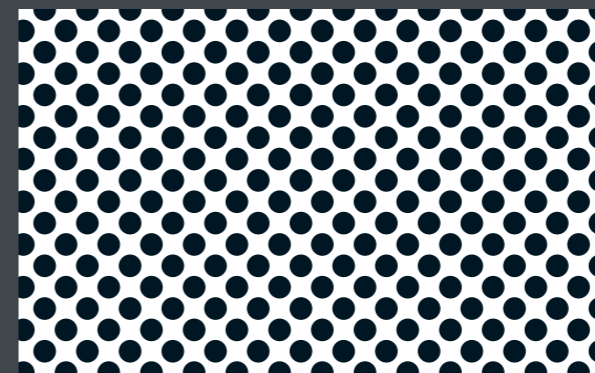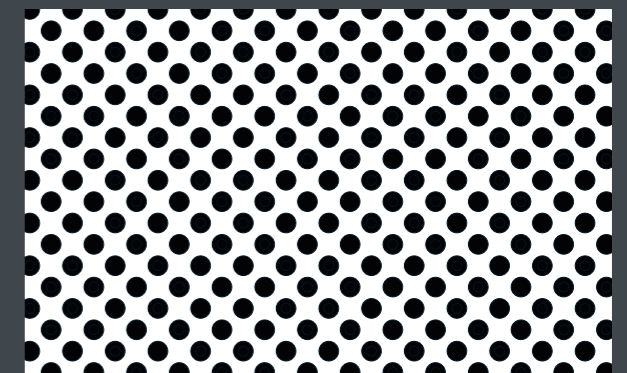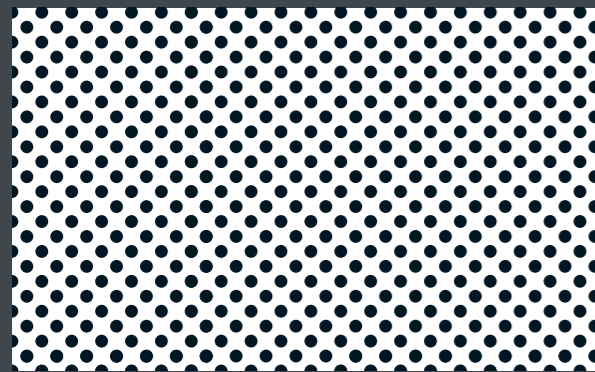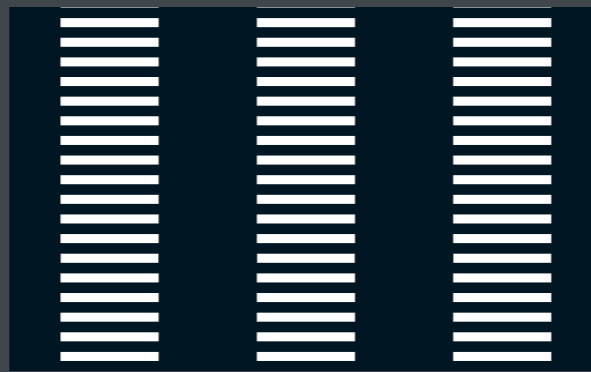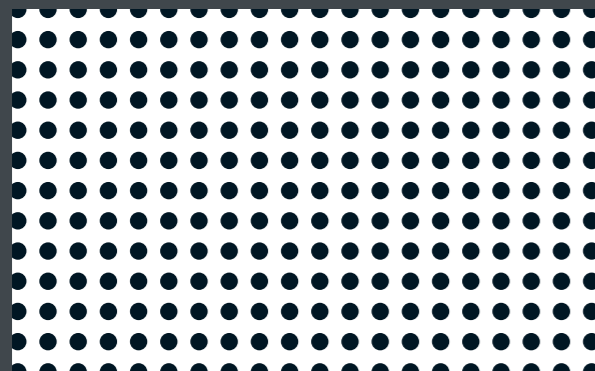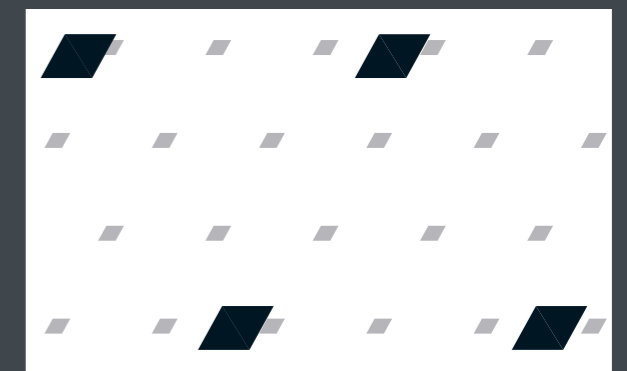The patterns are shown full-scale
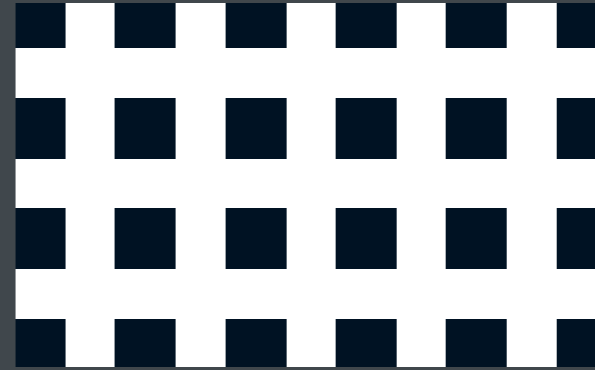(except Nr. 562 and Nr. 1291)

510

511*

210
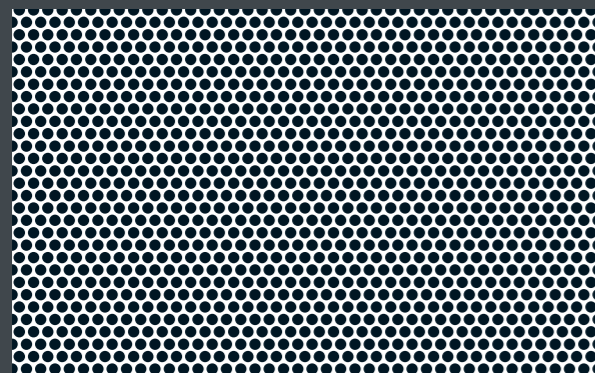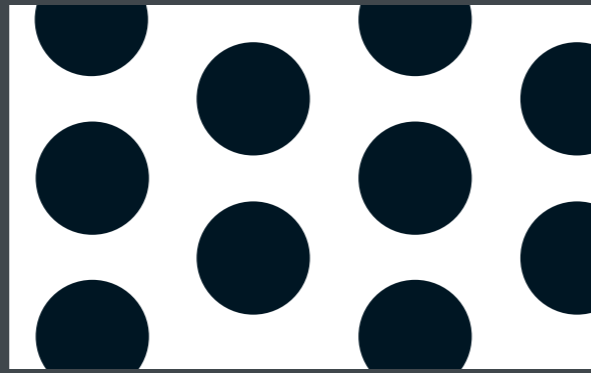
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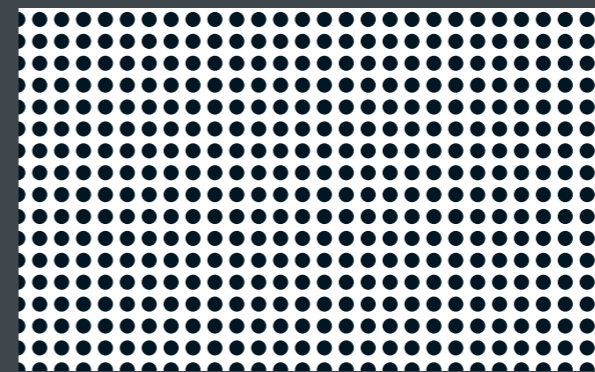
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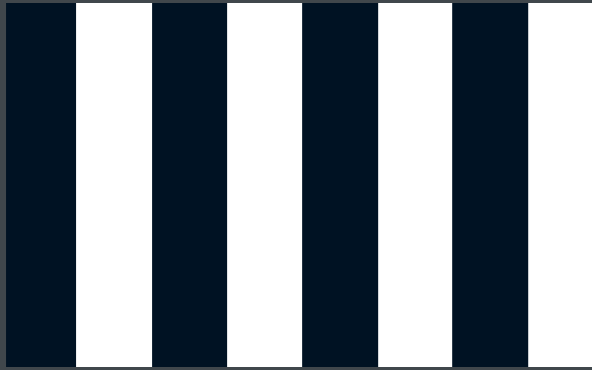
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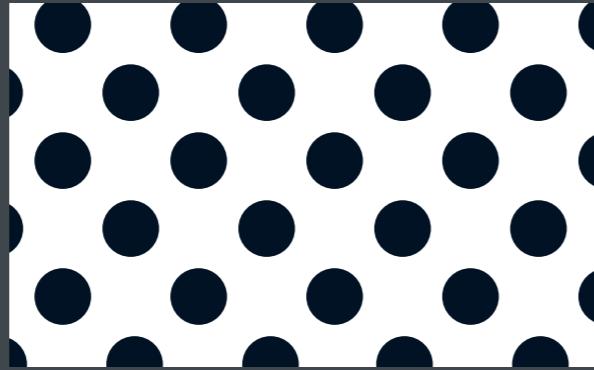
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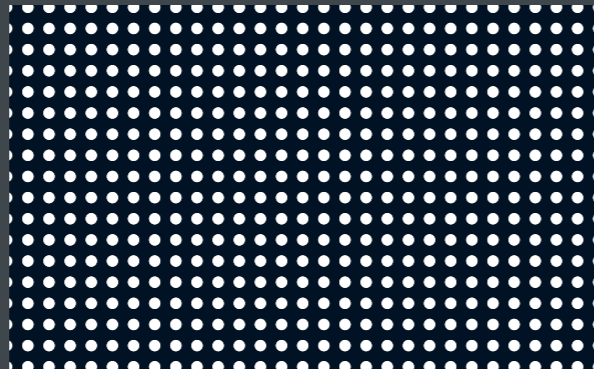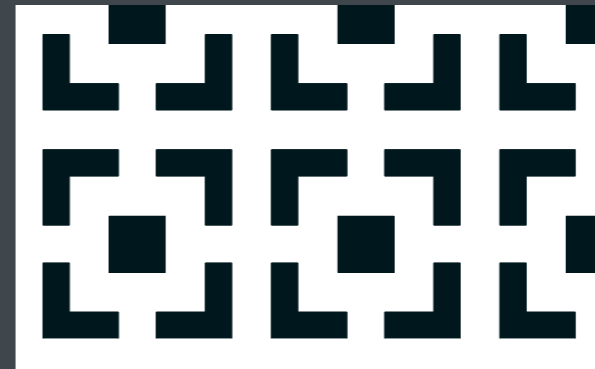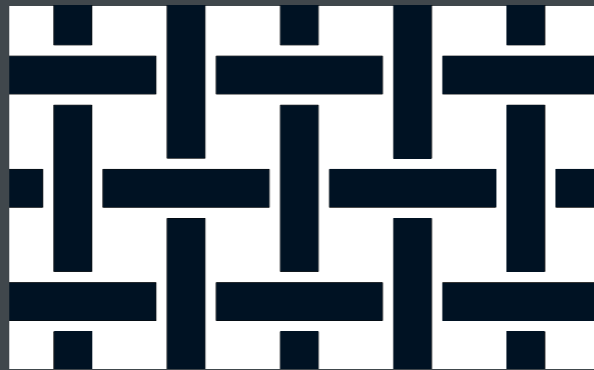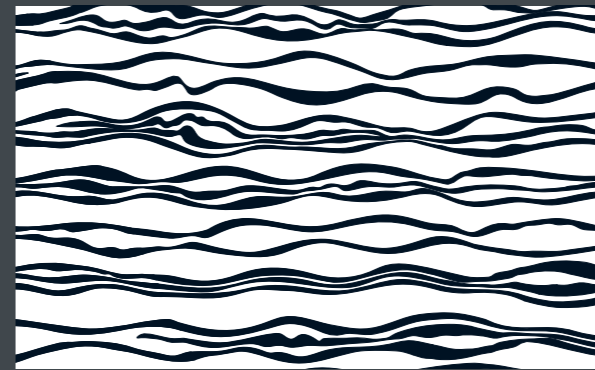

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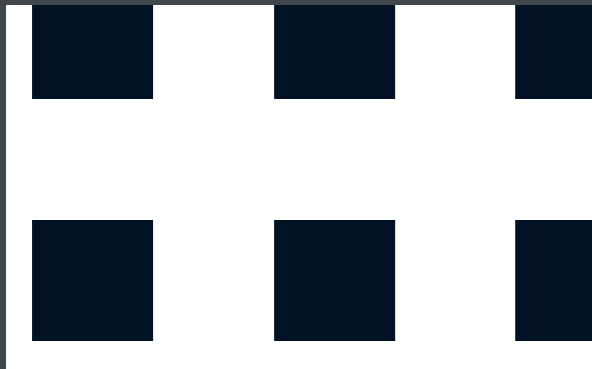
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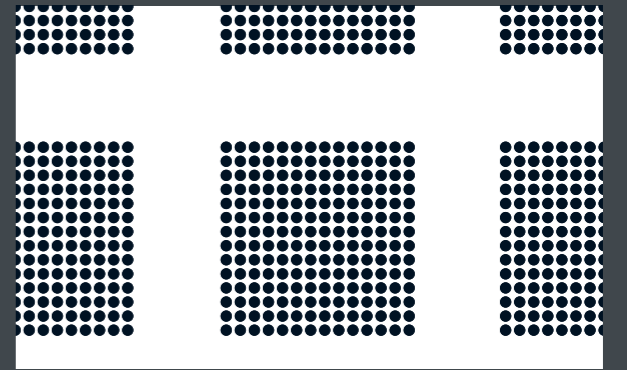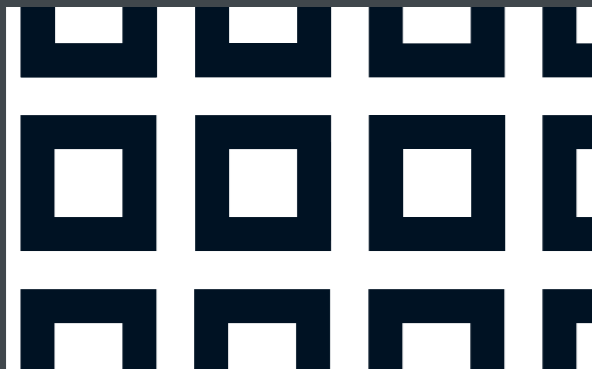

554

stripe width approx. 4 - 20 mm   562
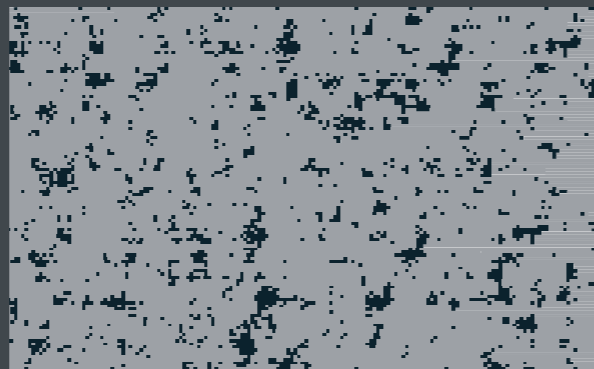

25 % original size   1291

555

556

also available:
Graduated matrix – Nr. 564

Coverage graduated from 100% - 4,8 %
over a length of 1501,4 mm

Clear over a length of 502,4 mm

Dot diameter graduated from 3 mm to 2 mm

Production information

HEAT-SOAK-TEST

Is generally recommended for building safety. Most Standards for overhead or sloped glazing applications require Heat-Soak-Testing to be carried out – we also recommend it for spandrels, guarding glass, balustrades, point-fixed glazing and all cast glass as well as coloured or (partially) enameled glass.

Should a Heat-Soak-Test be ordered without any specification, we will carry it out in controlled conditions in accordance with prEN 14179-1 with 4 hours holding time.

EDGE QUALITY

Generally EMALIT and SERALIT will have all straight edges fine ground. Corner and rounded cut-outs as well as non-rectangular units will be arissed.

COLOUR AND PRINT TOLERANCES

Slight colour differences may occur between samples and actual project deliveries as the self-colour of the glass, its thickness and surface structure influence colour appearance resp. may appear different with each colour. Colour differences between samples and actual deliveries do not constitute grounds for any claim.

Dependent on the process involved, EMALIT may be subject to pinholes, stripes or clouding when backlit (therefore designated for use with a dark background). Irregular colour overrun on the edges is unavoidable and cannot be deemed as defective quality.

Please read the "Guidelines for Evaluating the Visual Quality of enameled and screen-printed glass" under *www.eckelt.at / downloads*

DIMENSIONS

Dependent on the glass thickness
SGG EMALIT: max: 1800 x 4700 mm
SGG SERALIT: max. 2000 x 4000 mm

Partner:

Standard Collection

SGG EMALIT
SGG SERALIT

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ECKELT   Saint-Gobain Glass Solutions