DESIGN ELEMENTS

ANYTHING –

BUT NEVER AVERAGE
OF CONTOURS

SETTING ACCENTS. 
BREAKING WITH TRADITION. 
CREATING A SIGNATURE LOOK.

In the course of looking for new impulses for designing and realizing creative space solutions we have developed a highly versatile product for interior construction, shop fittings and trade fair structures: our design elements.

Regardless whether you have us configure elements to bring your design concepts to life or you choose to select one of our ready-made solutions, our design elements will certainly be the cherry on top of any project.

APPLICATIONS

- interior construction
- shop fitting
- trade fair construction
- furniture
- design components
- wall paneling
- room dividers
- counter fronts
- and many, many more...
CLOSED

ELEMENTS
GOOD THINGS

COME IN SERIES
Based on the “Voronoi design” Ackermann has developed “Closed Elements” design panels with pattern repeat. These panels give every wall a fresh new look. Complementing the Voronoi pattern is a smooth wave surface whose silky elegance provides an intriguing contrast to the design’s austere lines.

The panels are produced in a standard size and can easily be trimmed, drilled, screwed and lacquered.
**DESIGN:**

**VORONOI**

We now also offer our laser cut elements as standard repeatable panels. The standardized puzzle elements, while still having the Voronoi structure, can be arranged randomly – like a jigsaw puzzle whose pieces are all of the same shape and size.

<table>
<thead>
<tr>
<th>Material</th>
<th>max. element dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDF-schwarz 10 mm</td>
<td>560 x 560 mm</td>
</tr>
</tbody>
</table>
In addition to the well-known angular Voronoi structure made of Swiss CDF there is a wooden version (three layer board) available in our organic Tribal design.

Furthermore, the puzzle elements can be attached to a surface using commercially available double sided bonding tape.
BRINGING NATURE’S SCENT INDOORS
Our pattern repeat elements are quite unique. We have customized them further by filling in various spaces with naturally scented hand-cut Alpine hay.
ELEMENT

COLLECTION
At the beginning is always the idea...

... which must be translated into the correct "language" so that our machines know what they need to do. For your individual designs you can provide us the data in DWG/DXF-formats.

The selection of the appropriate material:
- mineral composites
- CDF
- 3-layer spruce
- aluminum
- and many more
- steel
- leather
- felt
- facade panels

Whether using a CNC-milling machine, a robot or laser cutting, their high degree of precision guarantees the successful outcome of even the most complex shapes.

Depending on the area of application reworking may be recommended, e.g. beveling edges or special sanding.

And quite often it is the color or coating that gives the final touch.

The result is a perfect design element "made in Germany".
FROM POINTS

TO PLANES
GEORGI FEODOSJEWITSCH VORONOI ...

... was a Russian mathematician who caused a sensation over 100 years ago with a formula describing the bisecting line between randomly set points. Applying this formula to a plane with points creates the diagram pattern appropriately named after him.

<table>
<thead>
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<tr>
<td>CDF-black 10 mm</td>
<td>2000 x 2780 mm</td>
</tr>
<tr>
<td>CDF-black 16 mm</td>
<td>2000 x 2780 mm</td>
</tr>
<tr>
<td>3-layer 18 mm</td>
<td>2480 x 2490 mm</td>
</tr>
<tr>
<td>Mineral composites</td>
<td>on request</td>
</tr>
</tbody>
</table>

**Type Minor**
- Cells/m²: approx. 100
- Profile width: 10 mm
- Edge: 24 mm
- Cell size: approx. 100 x 100 mm

**Type Medium**
- Cells/m²: approx. 60
- Profile width: 16 mm
- Edge: 24 mm
- Cell size: approx. 150 x 150 mm

**Type Major**
- Cells/m²: approx. 35
- Profile width: 24 mm
- Edge: 24 mm
- Cell size: approx. 200 x 200 mm
“Tribal” is a further development of the Voronoi pattern. It differs only in the cells’ larger corner radius. The result is, in contrast to the “Voronoi” pattern, a more organic look.

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- Edge: 24 mm
- Cell size: approx. 100 x 100 mm

**TYPE MEDIUM**
- Cells/m²: approx. 60
- Profile width: 16 mm
- Edge: 24 mm
- Cell size: approx. 150 x 150 mm

**TYPE MAJOR**
- Cells/m²: approx. 35
- Profile width: 24 mm
- Edge: 24 mm
- Cell size: approx. 200 x 200 mm
A THOUSAND AND ONE

IDEAS
DESIGN: ORIENTAL

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JUST AROUND

THE CORNER
## DESIGN: CORNER

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Products “off the rack” may be practical and cost-effective yet there are times when the only option is a creative customized solution. Our manifold production processes know virtually no limits when it comes to our transforming your ideas into reality.
The surface of the raw panel can be ground and primed with a clear coat. After intermediate sanding the panel can be lacquered. We recommend using compressed air to clean the open spaces before applying the primer.

Sanding of the open spaces is not necessary thanks to the high density properties of the CDF-panel.

Simple and easy processing without increased wear of woodworking equipment. After laser cutting the edges are slightly blackened.

Shrinkage per meter is roughly 0.1%.

The coated surface can be cleaned with a slightly damp cloth.

For indoor use only. For outdoor use on request.