LUX ELEMENTS – Individual concepts

Customised and special products

www.luxelements.com
Welcome to LUX ELEMENTS

True to our motto, ‘Solutions for modern building design’, our medium-sized family business based in Leverkusen, Germany, has been producing hard foam support elements for moist and wet areas for more than three decades. Founded back in 1945 as a tiling company, we have based our development of this modern building material on the practical experience we have gained processing tiles every day.

Our range of products extends from construction panels and standardised system building kits to constructions for wellness and bathing environments. Now you can find LUX ELEMENTS products all over the world: in the USA, China and throughout Europe. International, long-standing satisfied customers and partners from the tiling, sanitary and spa sectors can vouch for the quality of our products.

Cover photo:
Hamam, Courtesy of Faena Hotel, Miami Beach. Photographer Nik Koenig. Design and Implementation by Design for Leisure.
## Solutions for modern building design

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Planning spa projects

The right solution for every requirement

Complete wellness facilities can be created from a single source with LUX ELEMENTS hard foam support elements. This gives them a particularly attractive uniform appearance.

Ranging from the walls, roofs and floors to seats, loungers, massage tables, bath tubs and footbaths as well as the shower unit or swimming pool cladding, nearly every single component can be constructed using hard foam support elements. Regardless of whether it is for private or public spaces...

LUX ELEMENTS gives you a choice between standard or custom-made products.

A multi-faceted surface design with ceramics or plasters in matching colours and patterns produces a perfectly uniform appearance in the end.
Standard and custom-made products
Combination of defined components or production according to customer specification

Tried and tested building materials
A patent was granted for the hard foam support element back in 1981

Professional advice and support
Support from an experienced international team

Optional accessories
From tested assembly material to technical accessories, e.g. steam inlet, light installations and heating systems

Quick assembly even with large items
Prefabricated elements made to fit together exactly can be assembled quickly and without long drying times

Proven quality
Certification according to DIN EN ISO 9001:2015 as proof of quality management
Hard foam support elements
High material quality and environmentally-friendly production

The basic material for LUX ELEMENTS products is LUX ELEMENTS®-FOAM, a very high-quality, blue coloured, expanded polystyrene hard foam that is produced using an environmentally friendly technique without foaming agents which are harmful to the climate. The moisture-resistant material is ideally suitable for use in spas and wellness facilities.

During further processing, the hard foam becomes a hard foam support element with a special mortar coating on both sides. For increased rigidity values a glass-fibre fabric is additionally embedded in the mortar coating.

No chance for mould – biological behaviour

LUX ELEMENTS®-FOAM does not provide a breeding ground for micro-organisms. It does not rot or get mouldy. FOAM is neither harmful to the environment nor hazardous to water.

The safety of FOAM is made most obvious by the fact that the same raw-material is used to make food packaging. In its composition, the EPS FOAM fulfils the recommendation V polystyrene of the German Federal Health Office.

“The Original – LUX ELEMENTS® hard foam support element” – this pioneering invention in tiling was patented 1981 by Herbert Lux.
Proven material advantages

The original can do!

Hard foam support elements from LUX ELEMENTS are characterised by particular material properties, which are of particular advantage for use in wet and humid conditions.

- environmentally friendly
- proven quality
- pressure-stable and rigid
- lightweight
- waterresistant
- fire-retarding
- insulating
- mould-resistant
- design variety
- alternative surfaces
- economical
- system-oriented

Since 1981, hard foam support elements from LUX ELEMENTS have been successful in practical use and have proved themselves there to this day. As a modern building material, the ORIGINAL must fulfil high requirements. This includes always meeting current technical standards and trends and being flexible. This is why we place great importance on continuous development of the ORIGINAL and the extension of a modern, system-oriented product range.

Would you like to learn more? Please see: www.the-original-can-do.com
LUX ELEMENTS – Individual concepts
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LUX ELEMENTS®-CONCEPT

Individual room constructions

Individually planned room constructions made of hard foam support material are used both as hot air areas, e.g. steam baths, and as cold areas.

You have the option of assembling your personal desired object from a wide range of pre-specified components or of planning it with complete freedom.

- **Idea and planning**
  You have an idea, a sketch or detailed plan.
  We help you with the details and submit an offer.

- **Order and production**
  You place the order with us.
  On the basis of your plans we prepare a technical drawing for approval.
  You check and approve this.
  We produce the individual components and test the assembly to check the fitting accuracy.

- **Assembly and arrangement**
  We deliver the products to the site, if necessary in segments.
  We also deliver appropriate fitting accessories as part of the order.
  You carry out the installation.
LUX ELEMENTS — Individual concepts
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LUX ELEMENTS®-CONCEPT

Mix and match …

You can give free rein to your ideas at the planning stage. The modern, flexible production methods at LUX ELEMENTS make it possible to produce large items and a wide range of shapes.

Room constructions from the CONCEPT product group can be made up of these components, for example:

- **Walls**
  also in combination with glass and metal constructions

- **Floors**
  with optional substrate element and drainage technology.
  Optionally for point or linear drainage

- **Roofs**
  in standard versions or individually planned

- **Seats and benches**
  in standard versions or individually planned

- **Accessories**
  such as glass door, aluminium door frame, door knob or handle,
  light strip and heating, steam inlet and installation panel
  and appropriate assembly material for the processing
Hard foam support elements from LUX ELEMENTS enable you to create individual rooms or areas for wellness and spa facilities: for example, steam baths or even ice rooms. The material enables the forming of sophisticated structures such as window niches; round shapes such as dome roofs are also possible.

Cut into segments which fit together precisely and which can be assembled on site within a short time, even large objects can be constructed quickly. The method of construction for the connection of the individual components ensures particularly high stability (see page 16).

The final surface design of the hard foam support elements with selected plasters or ceramics produces an individual room or area, which radiates a feeling of comfort and harmony.
Comfortable seating is indispensable in hot air areas like steam baths. LUX ELEMENTS will supply you with seats and benches to match every room or area, even if it is full of nooks and crannies or round.

You can choose from nine standard types of seating with optional curved or end modules and arm rests or have individually designed seats and benches manufactured. All the products can be fitted with heating systems on request (see page 44).
Programme summary

CONCEPT

Roof
e.g. CONCEPT-DA-BARREL

Wall construction as kit

Frame
e.g. CONCEPT-DOOR-TZ B

Glass door

Seat
e.g. CONCEPT-DA-STEP

Floor element

Substrate element for floor element

Panel connection
The method of construction for the connection of the individual components ensures particularly high stability:

- Particularly stable panel connection thanks to tongue and groove principle
- Self-leveling panel connection thanks to V-groove
- Fast and simple assembly thanks to optimized fitting accuracy of the elements (gluing of individual wall elements up to a width of approx. 1200 mm in the factory)
- High production accuracy thanks to the use of state-of-the-art cutting technologies
- Stable fastening option for the door profile thanks to FIX-PRO-MAK over the entire panel width
- Flexible wall height: panel length up to 2500 mm, higher walls possible by using wall extension

Wall elements
Building kit for walls.
For the possibility to combine walls made of hard foam support material with a glass and metal construction, LUX ELEMENTS will supply a suitable design solution on enquiry.*
■ CONCEPT-WA...

Floor elements
Floor elements with gradient and factory-fitted seal, alternatively for point or linear drainage. With fittings for drainage system**.
■ CONCEPT-BO...

Substrate elements
For floor elements, 55 mm thick
■ CONCEPT-UBO...

Roofs
The following standard design variants are available:

■ CONCEPT-DA-FLAT
■ CONCEPT-DA-BARREL
■ CONCEPT-DA-MONO
■ CONCEPT-DA-CROSS
■ CONCEPT-DA-DOM + FLAT

*Enhancements are possible with optional accessories such as a steam inlet or installation panel (see page 47). **We additionally offer suitable drainage.
### Benches

- **straight line bench, available in running metres**

Rounded or mitred corner connection, bench end as rounded bench end or individually made to measure arm rest. (Example shows CONCEPT-BA-STEP)

### Accessories

- **Aluminum door frames made to measure as block profile or flat profile** (also available in standard size). Surface polished similar to stainless steel, anodised, with locking mechanism and hinges for glass doors.
- **Door knob similar to stainless steel, polished. Stainless steel handle bar brushed.**
- **Glass door ESG 8 mm made to measure or standard size incl. drilling for handle bar or door knob.**

Various Mounting kits for wall and floor constructions, depending on the size.

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**NOTE:**

For further information, please refer to our documents. Data sheets, test certificates and processing instructions can be downloaded from www.luxelements.com or visit our new YouTube-Chanel on www.youtube.com/user/luxelementscom
LUX ELEMENTS®-MODUL

Prefabricated room constructions

Firmly defined room constructions MODUL-CAB made of hard foam support material, consisting of floor element, walls including door, seat and roof element.
The cabins are offered as building kits in various sizes with square, pentagonal or rectangular designs.

A building kit for cabins from the MODUL product group is comprised of the following components:

- Roof (roof form FLAT)
- Wall construction as kit
- Seat (bench form SOLO)
- Glass door (DOOR-GT-F-TK) with door knob (DOOR-TK)
- Flat frame (DOOR-TZ F-S)
- Floor element with floor drain support frame

Enhancements are possible with optional accessories such as a steam inlet or installation panel (see page 47).
Assembly accessories are offered as complete kits for all available sizes. We additionally offer suitable drainage.
Programme summary

MODUL

Roof (roof form FLAT)

Wall construction as kit*

Flat frame (DOOR-TZ F-S)

Glass door (DOOR-GT-TK)

Door knob (DOOR-TK)

Seat (bench form SOLO)

Floor element with floor drain support frame**

*Enhancements are possible with optional accessories such as a steam inlet or installation panel (see page 47).

**We additionally offer suitable drainage.

Panel connection

The method of construction for the connection of the individual components ensures particularly high stability:

- Particularly stable panel connection thanks to tongue and groove principle
- Self-leveling panel connection thanks to V-groove
- Fast and simple assembly thanks to optimised fitting accuracy of the elements
- High production accuracy thanks to the use of state-of-the-art cutting technologies
- Stable fastening option for the door profile thanks to FIX-PRO-MAX over the entire panel width

Design variants

- MODUL-CAB-F – pentagonal
- MODUL-CAB-Q – quadratic
- MODUL-CAB-R – rectangular
### Sizes

Steam room construction, wall thickness 50 mm, wall height 2390 mm, roof shape FLAT, DOOR-TZ F-S (flat frame) with DOOR-GT-F-TK (glass door) and DOOR-TK (door knob), with integrated and sealed floor drain support frame 135 x 135 mm, bench form SOLO (see page 17).

<table>
<thead>
<tr>
<th>MODUL-CAB-F 1180</th>
<th>MODUL-CAB-F 1450</th>
<th>MODUL-CAB-Q 1180</th>
<th>MODUL-CAB-Q 1450</th>
</tr>
</thead>
<tbody>
<tr>
<td>pentagonal, 2 x bench form SOLO quadrant</td>
<td>pentagonal, 2 x bench form SOLO quadrant</td>
<td>quadratic, 1 x bench form SOLO</td>
<td>quadratic, 1 x bench form SOLO</td>
</tr>
<tr>
<td>MODUL-CAB-R 1800/900</td>
<td>MODUL-CAB-R 1800/1180</td>
<td>MODUL-CAB-R 2065/1180</td>
<td>MODUL-CAB-R 2370/1450</td>
</tr>
<tr>
<td>rectangular, 1 x bench form SOLO</td>
<td>rectangular, 1 x bench form SOLO</td>
<td>rectangular, 2 x bench form SOLO</td>
<td>rectangular, 2 x bench form SOLO</td>
</tr>
</tbody>
</table>

### Assembly accessories

Assembly accessories are offered as complete kits for all available sizes.

<table>
<thead>
<tr>
<th>MODUL-KIT-CAB 1</th>
<th>MODUL-KIT-CAB 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting kit for walls, floors, roofs and benches for MODUL-CAB-Q 1180 and -Q 1450, MODUL-CAB-F 1180 and -F 1450, MODUL-CAB-R 1800/900, -R 1800/1180, and -R 2065/1180</td>
<td>Mounting kit for walls, floors, roofs and benches for MODUL-CAB-R 2370/1450</td>
</tr>
</tbody>
</table>

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LUX ELEMENTS – Individual concepts
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LUX ELEMENTS®-RELAX

Individual relaxation and distraction

RELAX includes products made of hard foam support material for bathrooms and spa areas:

- Relaxation loungers (RELAX-RL) and
- Massage tables (RELAX-MT)
- Tileable bath tub building kits (RELAX-BW) and
- Footbaths with seat (RELAX-FB), each including drainage technology
- Building kits for shower design variants (RELAX-RD, RELAX-SD, RELAX-RSE, RELAX-JUNIOR)

Accessories such as
- Prefabricated niches (RELAX-NI),
- Bench seats for the shower area (RELAX-BA),
- Curbs (RELAX-CU) und
- Ramps (RELAX-RP) for shower bases with a step (Step-Up)
Relaxing loungers

Loungers are a must in every wellness or spa area. They help people relax between active therapies in steam rooms and saunas etc.

LUX ELEMENTS uses hard foam support materials to make loungers which fit the body’s shape perfectly and are therefore extremely comfortable. Unlike lounges with fabric coverings, the tiled surface is very easy to clean and so meets important hygiene criteria.

An additional advantage: electric or water heaters with fully adjustable controllers can be integrated into all the models.

The LUX ELEMENTS standard product range already includes five design options for loungers. In addition, individual models can be manufactured as single items or as a series (see page 32).
Two massage tables are offered in the LUX ELEMENTS standard product range for enhancing the spa area. Both variants are equipped with a maintenance opening. This enables access to optional equipment such as heating, a water connection or drainage technology.

In addition, individual models can be manufactured as single items or as a series (see page 32).
LUX ELEMENTS – Individual concepts
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LUX ELEMENTS®-RELAX-BW

Tileable bath tub construction kits

RELAX-BW are tileable bath tub construction kits, with drain and overflow fittings and substrate element, in two different sizes.

Also available as additional fittings for the interior are two inlay elements in various designs.

In addition, individual models can be manufactured as single items or as a series (see page 32).
LUX ELEMENTS®-RELAX-FB

Foot basins

LUX ELEMENTS can make your Kneipp and foot bath a beautiful feature.

For example, heated bench seats with integrated foot baths in all kinds of designs are particularly appealing. Hard foam support material can also be used to make individually designed Kneipp baths to match the design of your rooms, areas and facilities perfectly.

Since hard foam support material is easy to work with, it is ideal for installing equipment and fittings.

The option of being able to create any surface design is a considerable advantage. High-quality ceramics in co-ordinating colours can produce exclusive original creations which will enhance any wellness environment.

The LUX ELEMENTS standard product range already includes an integrated solution consisting of prefabricated footbath with maintenance opening, including drainage technology, bench seat and substrate element.

In addition, individual models can be manufactured as single items or as a series (see page 32).
A shower is a must in every wellness area, ideally a shower flush with the floor. Both its design and technology must fulfil particularly high requirements.

LUX ELEMENTS building kits for showers are robust and design-conscious. Be it a barrier-free single private shower or a complete shower facility, virtually any shape and size are possible. Round walls are popular as in curved or round showers.

Sealed, sloped shower bases with drain fittings as well as tested assembly materials can be ordered for any wall design. This applies to both standard range models and individually designed showers.

We will be happy to advise you on any issue concerning the installation of fittings and shower equipment.
RELAX-RD – round shower

RELAX-RD is a building kit for a round shower with the following components:

- Roof (2 design variants)
- Shower partition wall elements as kit in 3 segments
- Shower base element and substrate element for shower base element

Panel, rounded back for fixation of the shower rod and accessories and mounting kits suitable for RELAX-RD are provided. For further accessories, e.g. a concave trim for connection to the wall and finishing elements for the edges please see product group DECO (beginning page 40).

RELAX-SD – curved shower

RELAX-SD is a building kit for a curved shower, left-curving or right-curving, with the following components:

- Roof (2 design variants)
- Shower partition wall elements as kit in 6 segments
- Shower base element and substrate element for shower base element

Panel, rounded back for fixation of the shower rod and accessories and mounting kits suitable for RELAX-SD are provided. For finishing elements for the edges please see product group DECO (beginning page 40).

RELAX-RSE – space-saving corner shower

RELAX-RSE is a building kit for a space-saving corner shower with two offset walls. This is available for left- or right-hand corner, either with two high walls or optionally with one high and one half-high wall with shelving. The kit contains the following components:

- 2 shower partition wall elements
- Shower base element and substrate element for shower base element

Mounting kits suitable for RELAX-RSE are provided. For further accessories, e.g. a concave trim for connection to the wall and finishing elements for the edges please see product group DECO (beginning page 40).

RELAX-JUNIOR – corner shower

RELAX-Junior is a building kit for a corner shower in left- or right-hand corner, in two sizes complete with glass door. A mounted part allows the standard version to be increased in size. The kit contains the following components:

- Shower partition wall elements as kit in 2 segments and an extension element (optional)
- Glass door incl. hinge plates and stainless steel handle
- Shower base element and substrate element for shower base element

Mounting kits suitable for RELAX-JUNIOR are provided. For a concave trim for connection to the wall please see product group DECO (beginning page 40).
LUX ELEMENTS – Individual concepts
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LUX ELEMENTS®-RELAX

Accessories

LUX ELEMENTS offers a large number of functional and decorative accessories for the bath and spa area.

RELAX-NI – niches

Niches are an elegant and space-saving option for storage. Unlike protruding shelves, they are integrated into the wall. As a design element, niches make a wall surface visually more interesting. RELAX-NI are prefabricated niches in four formats: S-M-L-XL.

RELAX-BA – benches

Since bath tubs are being replaced more and more by flush with the floor showers, shower areas are becoming larger and offer space for an additional seat. RELAX-BA are prefabricated seats for the corner in a compact or ‘floating’ design as well as a wall-mounting bench seat in two widths.
RELAX-CU – curbs

RELAX-CU are prefabricated shower curbs in various lengths for use as water stops for shower bases with a step (Step-Up). The curbs can be adapted to fit any shower base dimensions by simply cutting to size.

RELAX-RP – ramps

RELAX-RP are prefabricated ramps in two widths with different gradients and a length of 1828 mm for a barrier-free transition from bathroom floor to a shower base with a step (Step-Up). The ramps can be adapted to fit any shower base dimensions by simply cutting to size.

In addition, individual models can be manufactured as single items or as a series (see page 32).
LUX ELEMENTS®-RELAX-PLUS

Special formats

LUX ELEMENTS manufactures individual customised and special products for the RELAX product group listed under the designation „RELAX-PLUS“ from the area of:

- Relaxation loungers
- Massage tables
- Kneipp and foot baths
- Bath tub building kits
- Shower design building kits
- Niches
- Curbs and ramps
- Pools and underwater worlds

Sizes, shapes, thicknesses etc., that deviate from standard features can be inquired from LUX ELEMENTS. After successful verification of implementation possibility at LUX ELEMENTS an appropriate offer will be prepared. Once an order is placed, it will be manufactured and delivered accordingly.
LUX ELEMENTS – Individual concepts
Customised and special products
Programme summary

**RELAX**

**RELAX-RL – relaxation loungers**
Construction made of hard foam support material in five design variants, 700 mm wide, available with or without an electrical heating system.

**RELAX-MT – massage tables**
Massage table with inspection opening, in two design variants, prefabricated from hard foam support material.

**RELAX-FB – foot basins**
Integrated solution prefabricated from hard foam support material.

**RELAX-BW – Bath tub construction kit**
Construction made of hard foam support material, tileable, incl. drain and overflow fitting and base element.

**Accessories**

- **RELAX-BW ED**
  Both tub mounting part suitable for both tub sides, "Triangle" design.

- **RELAX-BW EK**
  Both tub mounting part suitable for both tub sides, "Headrest" design.

**LUX ELEMENTS – Individual concepts**
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LUX ELEMENTS – Individual concepts
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■ RELAX-RD – round shower
Building kit made of hard foam support material

RELAX-RD
RELAX-RD – roofs
RELAX-DRD (Design FLAT)
RELAX-DCRD (Design CLASSIC)

RELAX-RDW
Shower partition wall element, round, 2500 mm in height*

RELAX-BORD 50
Shower base element, round, with integrated and sealed floor drain support** in the centre

RELAX-UBORD 50
Substrate element for RELAX-BORD 50

*Instruction for installing the shower doors: When planning to install a shower door, a FIX-PRO-MAK hard plastic insert can be pre-assembled at the factory for fitting the door fastening on a custom-made basis. ** We additionally offer suitable drainage.

■ RELAX-SD – curved shower
Building kit made of hard foam support material, left-curving or right-curving.

RELAX-SD
RELAX-SD – roofs
RELAX-DSD (Design FLAT)
RELAX-DCSD (Design CLASSIC)

RELAX-SDW
Shower partition wall element, curved, 2500 mm in height

RELAX-BOSD 50
Shower base element, curved, with integrated and sealed floor drain support frame**, square measure floor 1,71 m², left- or right-curving available.

RELAX-UBOSD 50
Substrate element for RELAX-BOSD 50

Accessories for round and curved showers

■ RELAX-PA
Panel, rounded back, with integrated FIX-PRO-MAK strips to fit RELAX-RDW and RELAX-RSW for the installation of shower rod and accessories. Alternatively, the FIX-IPA-... installation panel is also suitable for mounting the fittings (see page 47).

For more accessories, e.g. a concave trim for connection to the wall and finishing elements for the edges please see product group DECO (beginning page 40).

** We additionally offer suitable drainage.
LUX ELEMENTS – Individual concepts
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Programme summary

**RELAX**

- **RELAX-RSE – space-saving corner shower**
  Building kit made of hard foam support material, left-curving or right-curving.

- **RELAX-JUNIOR – corner shower**
  Building kit made of hard foam support material, for left- or right-hand corner.

### Accessories – RELAX-RSE

- **RELAX-KIT RSEM**
  Mounting kit for RELAX-RSE with RELAX-BORSE 50

- **RELAX-KIT RSEQ**
  Mounting kit for RELAX-RSE without base

### Accessories – RELAX-JUNIOR

- **RELAX-KIT JM**
  Mounting kit for RELAX-JUNIOR with RELAX-BOJS or RELAX-BOJSA

- **RELAX-KIT JQ**
  Mounting kit for RELAX-JUNIOR without base

**dimensions in mm**

- **RELAX-RSE A**
  2 shower partition wall elements, round, 1 x 2500 mm in height, 1 x 1200 mm in height plus shelf

- **RELAX-RSE H**
  2 shower partition wall elements, round, each 2500 mm in height

- **RELAX-BORSE 50**
  Shower base element, with integrated and sealed floor drain support frame*, left-curving or right-curving

- **RELAX-UBORSE 50**
  Substrate element for TUB-BORSE 50

- **RELAX-JS**
  Shower partition wall element, curved, 2500 mm in height

- **RELAX-JA (optional)**
  Shower partition wall extension element, 2500 mm in height, incl. FIX-PRO-MAK strips for door fitting

- **RELAX-JS + JA**
  Glass door ESG 8 mm, incl. hinge plates and stainless steel handle, right and left hinged installation

- **RELAX-BOJS**
  Shower base element, with integrated and sealed floor drain support frame*, for left- or right-hand corner

- **RELAX-UBOJS**
  Substrate element for RELAX-BOJS

- **RELAX-BOJSA**
  Shower base element extended, with integrated and sealed floor drain support frame*, for left- or right-hand corner

- **RELAX-UBOJSA**
  Substrate element for RELAX-BOJSA

For more accessories, e.g. a concave trim for connection to the wall and finishing elements for the edges please see product group DECO (beginning page 40). **We additionally offer suitable drainage.**
RELAX – Accessories

■ RELAX-NI – niches
Prefabricated niches made of hard foam support material in four formats, 89 mm deep, interior depth 77 mm.

![Image of RELAX-NI niches](image)

Light strip and LED power supply unit available for RELAX-NI-M/L/XL.

■ RELAX-BA – benches
Prefabricated benches made of hard foam support material in three design variants.

![Image of RELAX-BA benches](image)

Bench form SOLO, straight, available for the installation of a TUB-WALL RT 1 900/200 or RT 3 900/200

■ RELAX-CU – curbs
Prefabricated curbs made of hard foam support material in 2 lengths.

![Image of RELAX-CU curbs](image)

■ RELAX-RP – ramps
Prefabricated ramps made of hard foam support material, 1828 mm long, in 2 widths with different gradients.

![Image of RELAX-RP ramps](image)

■ Special formats – RELAX-PLUS
You can not find the right product? We also manufacture made-to-measure! Sizes, shapes, thicknesses etc., that do not correspond to the standard range can be enquired about separately at LUX ELEMENTS. After successful verification of the feasibility we will create a non binding offer. Once we receive your order, the order will be manufactured.

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LUX ELEMENTS – Individual concepts
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LUX ELEMENTS®-DECO

Decorative elements

It is often small details which have the most effect. Ornaments and accessories from LUX ELEMENTS lend your large items exclusivity.

Use beautiful and decorative columns as accent features. Concave trims, curvature and finishing elements round off the overall appearance in the truest sense of the word. You can choose from our standard product range or implement your own ideas (see page 41).

There are many ways of creating surfaces. You can choose from ceramics, usually small format mosaic tiles for round shapes, or decor plasters. A mix of materials can also be very attractive.
Be as imaginative as you like!
**LUX ELEMENTS – Individual concepts**

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**Programme summary**

**DECO**

- **DECO-... – concave trims**

Concave trims made of hard foam support material are fitted in corners for rounding off inwards e.g. in steam rooms, showers and room corners. The DECO-RD-HK concave trim is used as a round shower fitting part to the wall. In this way an acute-angled gap is covered.

- **DECO-HK 100**
  Concave trims, length 2500 mm

- **DECO-HK 200**
  Concave trims, length 2500 mm

- **DECO-RD-HK**
  Concave trim for RELAX-RD, length 2500 mm

- **DECO-AE**
  Finishing element for edges, Ø 120 mm, length 2500 mm

- **DECO-VE 120**
  Round surrounding element for corners, Ø 120 mm, Länge 2500 mm

- **DECO-VE 200**
  Round surrounding element for corners, Ø 200 mm, Länge 2500 mm

- **DECO-... – curvature elements**

Curvature elements made of hard foam support material. The DECO-AE semi-circular finishing element can be ordered to round off edges e.g. with RELAX-RD, RELAX-SD and RELAX-RSE (see page 29). The DECO-VE round cladding element in two sizes is used to round off corners outwards.

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**Example: DECO-HK for RELAX-JUNIOR**

**Example: DECO-AE for RELAX-RD**

**Example: DECO-VE 120**

**Example: DECO-VE 200**
**DECO-PM – pillars (columns)**

Columns made of hard foam support material are available as round models (PM R) for freestanding columns, half-round models (PM H) for wall mounting, and quadrant shaped models (PM-V) for room corners.

- **DECO-PM R**
  - Column, round
  - Ø 240 mm, length 2500 mm

- **DECO-PM H**
  - Column, semi-circular
  - Ø 240 mm, length 2500 mm

- **DECO-PM V**
  - Column, quadrant
  - Ø 240 mm, length 2500 mm

**Special formats – DECO-PLUS**

You can not find the right product? We also manufacture made-to-measure! Sizes, shapes, thicknesses etc., that do not correspond to the standard range can be enquired about separately at LUX ELEMENTS. After successful verification of the feasibility we will create a non binding offer. Once we receive your order, the order will be manufactured.

**NOTE:**

For further information, please refer to our documents. Data sheets, test certificates and processing instructions can be downloaded from www.luxelements.com or visit our new YouTube-Channel on www.youtube.com/user/luxelementscom
Foam parts

The basic material for the products of LUX ELEMENTS is LUX ELEMENTS®-FOAM, a very high-quality, blue coloured, expanded polystyrene hard foam that is produced using an environmentally friendly technique without foaming agents which are harmful to the climate.

The good workability of this material and the production methods at LUX ELEMENTS enable individual and complex shapes to be manufactured.

The lightweight, waterproof and mold-resistant polystyrene hard foam can be used in various areas. Therefore a mortar coating is not always necessary.

Uncoated FOAM is available upon request as:

- Block
- Panel blank
- Shaped part
LUX ELEMENTS – Individual concepts
Customised and special products
LUX ELEMENTS – Individual concepts
Customised and special products

Technical solutions
Special fixtures on request

LUX ELEMENTS hard foam support elements are easy to work with and therefore perfect for the integration of technical components. The necessary millings and sections etc. can be prepared at the factory or produced on site according to exact measurements.

For example:

- **Heaters**
  Electrical and hot water heaters are installed beneath the ceramic tiles of benches, seats and loungers. Millings for the heating pipes can be prepared if required.

- **Lighting and control technology**
  The fact that the material is so easy to work with facilitates the installation of very different control systems for wellness and spa facilities.

  Further technical solutions (glass connections, fasteners for fittings, steam inlet) on pages 46 and 47.
**Technical solutions**

**Special fixtures on request**

- **Glass connections**
  A glass front – possibly with a glass door – offers maximum transparency for individual room constructions. We offer a solution for this, too: Our glass profile constructions enable the combination of profile frames with block frames including glass door hinges as well as 8 mm single-pane safety glass (ESG safety glass).

  The system is thus suitable for use as a glass front with or without a glass door. A window opening is also possible. Embedded hard-plastic inlays (FIX-PRO-MAK) ensure the safety and stability of the connections to the hard foam support elements.

- **Profile connections**
  Frame profiles are connected to each other using connecting profiles with self-tapping screws.
Corner connections
Corner frame profiles are offered in 90° and 135° versions for corner connections. These are suitable for connection both to another frame profile and to a door frame.

Window opening
When installing a window, the mitre-cut frame profiles are connected across the corner using a special bracket. Connection to the hard foam support elements is done with screws.

Fittings
The FIX-IPA... installation panel is available for the fastening of fittings, for example in showers. This can be ordered loose or integrated in the wall. The panel is optionally available with pre-installed flush-mounted iBox from Hansgrohe plus the associated pipework or without equipment.

Supporting panel and cladding for a steam inlet
LUX ELEMENTS offers prefabricated support panels for a steam inlet for steam baths or steam showers. These are optionally available pre-integrated in the factory (FIX-DE-TI) or loose for self-assembly (FIX-DE-TE).

The cladding for a steam inlet (steam fountain FIX-DE-B) is delivered ready-for-assembly.
LUX ELEMENTS – Individual concepts
Customised and special products

LUX ELEMENTS as partner
Our competence for your project
Decades of experience
in processing hard foam support elements

Modern flexible production methods
in our own production plants

Individual production
of your components as individual or series products

High level of technical expertise
owing to our own development department

International team
with multilingual contacts

Professional advice
by experienced employees

Quality control from the start
through entirely in-house production

Certified quality management
In the case of custom-made products we implement your planning. And we keep up a constant dialogue with you to support you throughout the planning and assembly phases.

For example:

- Room constructions and steam baths
- Experience showers/shower units
- Kneipp baths and foot baths
- Pools and underwater worlds
- Partition walls
- Decorative elements
- Heated loungers and benches
- Complete solutions from a single source
Step 1

Idea and planning

You can give free rein to your ideas at the planning stage. The modern, flexible production methods at LUX ELEMENTS make it possible to produce large items and a wide range of shapes.

In accordance with your specifications we produce a technical drawing for approval. Our integrated 3D display helps you to envisage the drawing particularly well.

On request and especially with large components we also take care of the structural analysis.
LUX ELEMENTS – Individual concepts
Customised and special products

Step 2

Order and production

After receiving your order, LUX ELEMENTS produces the components precisely according to your plans and specifications.

To check the fitting accuracy of the components, we test the assembly of the whole item in our workshop before delivery. All the parts are numbered according to the installation plan, which is a considerable help to the installers on site.
Assembly and arrangement

Delivery in segments is a major advantage since it means the components are lighter and can also be transported in confined spaces. The prefabrication of the elements and short drying times ensure time and therefore cost savings during assembly.

Fittings and other technical components are installed directly on site. The materials are easy to work with, which makes installation trouble free.

Step 3
We are able to do far more…

More information on LUX ELEMENTS on the Internet

Current information on the company and all products are available 24 hours a day on our homepage www.luxelements.com

- Practical tips
- Latest news
- Trade fair and seminar dates
- Media coverage

can all be found here, also national and international contact addresses and a description of the production process at LUX ELEMENTS.
The detailed product and processing pages are supplemented by a wide range of downloads:

- Datasheets
- Test certificates
- Brochures
- Tender specification texts

You can download a PDF of any information you require.

Would you like more information regarding our training courses or do you need a personal consultation? Please make use of our contact form. We look forward to your mail!
http://www.luxelements.de/lux_en/kontakt/anfrage.htm

The handbook for “Hydrothermal Spa Development Standards” – guidelines for an approach to the planning and construction of spa complexes in the public and private sector – was created with the editorial participation of LUX ELEMENTS.
The EUF (European Union of National Tile Associations) has developed the concept “Healthier Living with Ceramics” together with its European member associations and sponsor members. This concept is intended as information “pro tile” for trade, dealers and manufacturers. LUX ELEMENTS is the force behind the project and is actively involved in its implementation.

Fax order form

Order more information

(Please enter the quantity and desired language!)

- PROGRAM
- THE CONSTRUCTION – Designing with hard foam support elements
- THE EXPERIENCE – Shower bases
- INDIVIDUAL CONCEPTS – Customised and special products
- DETAILED DESCRIPTIVE LITERATURE
- ADVICE
  - Yes, I am interested in an appointment, please call me.

SECTOR:
- Architect
- Plumber
- Tile retailer
- Bathroom designer
- Tile installer
- Building materials retailer
- Others

COMPANY:

CONTACT:

ADDRESS:

POSTAL CODE/TOWN:

TEL:

FAX:

E-MAIL:

EUF

The EUF (European Union of National Tile Associations) has developed the concept “Healthier Living with Ceramics” together with its European member associations and sponsor members. This concept is intended as information “pro tile” for trade, dealers and manufacturers. LUX ELEMENTS is the force behind the project and is actively involved in its implementation.