



**Engineering progress  
Enhancing lives**

## **Foamed pool cover profiles**

Safe. Sustainable. Engineered.



# Safe. Sustainable. Engineered. Isolating. Economic. Durable.

Set the new STANDARDS with our foamed pool cover solution COVREX<sup>®</sup> by REHAU. On site customized shaping with reduced efforts.



## Sustainable

Keep your water warm. Excellent insulating properties due to the clever profile concept.



## Safe

Accident prevention is meeting highest standards (e.g. french safety directive NF P 90 308).



## Economic

Up to 80% reduction of the operating costs.



## Engineered

High bending strength, small coiling radius, high hail resistance and simple installation for new pools and retrofit (above-ground and underfloor).



## Durable

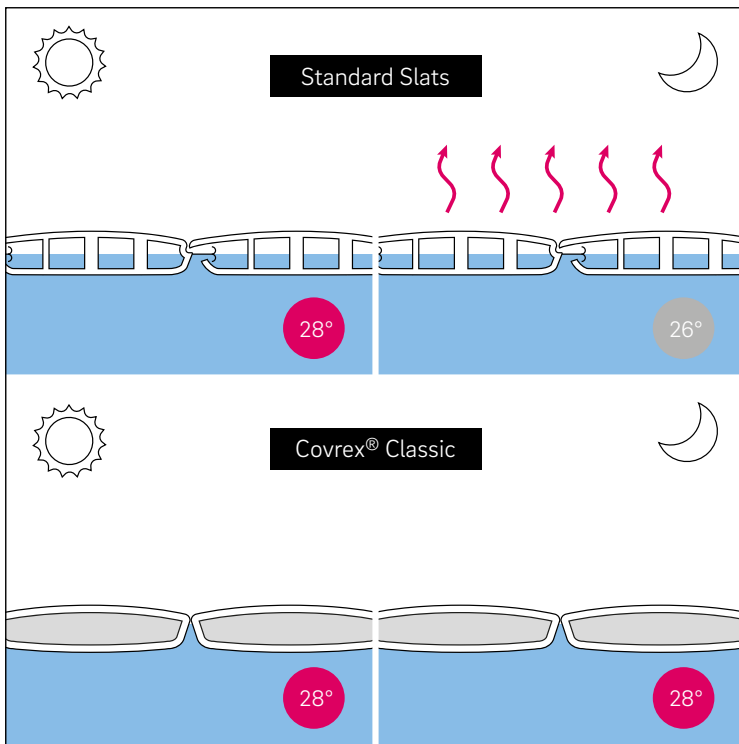
No need of slate endcaps through its foamed profile concept. Reduced risk of water ingress and no algae development.



# The standard that makes the difference.

Our standard foamed pool cover solution brings you ahead of the usual standards.

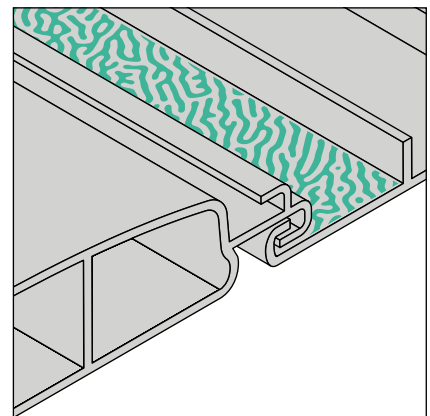
One of the main objectives of COVREX® by REHAU is to offer you the maximum safety for your pool. This is why we developed our products based on the strictest norms relative to pool covers. We go even further, our COVREX® by REHAU is up to 7 times stronger than what is asked, to offer you maximum security. Following the French NF P 90-308 norm.



The COVREX® by REHAU minimizes the risks of algae development and dirt accumulation through its design by reducing the number of dead zone areas such as slats locking areas. In addition the foaming avoids the use of endcaps avoiding the risk of water ingress and offering a better durability in use.

The COVREX® by REHAU foam filled profiles keep the water temperature stable. They offer an incredible insulation coefficient of  $4,85 \text{ W}/(\text{m}^2 \cdot \text{K})$ . It enables to minimize the heat loss over night or during cooler days.

Traditional pool cover profiles have hollow compartments filled with humid air which reduces the insulation coefficient. Furthermore, the traditional hollow slats are joined together by hinges which, for their part, also add to an additional heat loss.



# Product description

REHAU pool cover systems consist in high-quality PVC (polyvinyl chloride) slates specially developed for this application, which are co-extruded and therefore integrally bonded with PUR (polyurethane) hinges.

The triple extrusion of foamed PVC, top layer PVC and PUR hinges ensure a robust and safe product for the high demanding application. The CORVREX® by REHAU profile meets the French safety directive NF P 90-308, offering also a high UV and hail resistance.

Its unique design makes it easy to install even on site using standard tools. It allows a large freedom in pool cover shapes without requesting specific slate endcaps.

**Conforme  
à la norme  
NF  
P90-308**



## The standard CORVREX® by REHAU program

Swimming pool cover profile Colours:

- White/Pebble Grey
- Light Blue/Pebble Grey
- White
- Light Ivory
- Pebble Grey

Standard lengths from the warehouse:

- 4050 mm
- 4550 mm
- 5050 mm
- 5550 mm
- 6050 mm

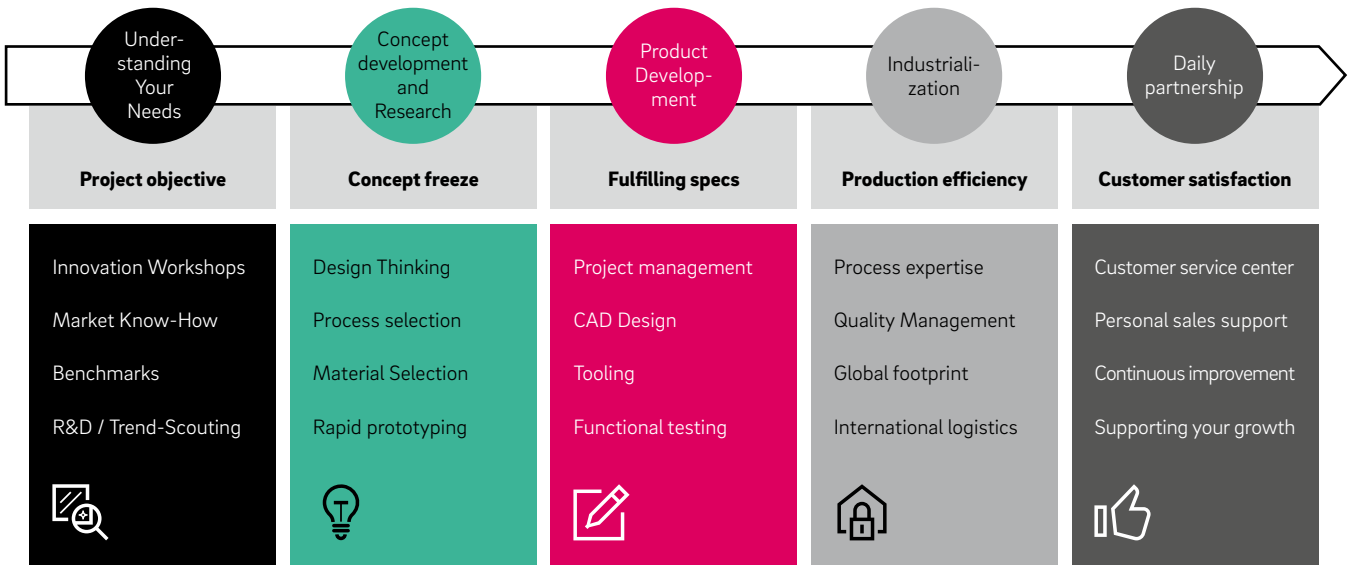
Additional colours are on demand available.

# Engineering Progress. Enhancing life.

Customer made profiles – set your own standard with our experienced engineering team

## Express your needs.

Ask for design, material or function you want, we can make it happen.



## High level of customization possibilities: Unique pool cover design as your are.



### **You are unique**

REHAU can setup your dedicated colour range and aesthetic effects.



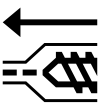
### **Meet special needs**

REHAU can integrate your needs on specific material recipes based on our compounding competencies.



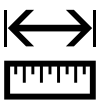
### **Master all the steps**

By applying simultaneous engineering, a high level of integration can be achieved. Involving in an early stage design, in house tool making and process industrialisation together, allows to meet high quality standards.



### **Extrusion is in our DNA**

REHAU offers a large expertise in extrusion process, from single to multiple extrusion profiles, combined with inline and offline confection competencies.



### **Need your own specific standard length?**

REHAU can meet your needs to ease your assembly process by delivering ready to install cut to length slates.

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Rheniumhaus  
95111 Rehau  
Germany

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