

# KNAUF WATERLINE

WET ROOM SYSTEM





INFINITE POSSIBILITIES  
FOR THE WALLS OF  
YOUR WET ROOMS.



### Surface expertise

KNAUF DESIGN stands for ground-breaking and creative ideas for finishing surfaces of the most diverse materials.

The results are highly design-oriented room concepts. They prove themselves wherever continuity of appearance and system safety are required.

As a partner for planners, architects, the trade, fabricators and the industry as well as a reliable system supplier, we offer maximum security and confidence in terms of approval, quality and feasibility.

**Design. Function. Quality. Freedom.**



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# WATERLINE OFFERS RELIABLE SOLUTIONS FOR WET AREAS: WATERPROOF, JOINTLESS AND EASY TO CLEAN.

The **DESIGNBOARD 310 CREATIVE** is a lightweight, thin yet robust board. It forms the basis for the WATERLINE system and is suitable for installation in and renovation of damp rooms and sanitary facilities. What is more, the surface with a designer coating on one side is

highly resistant. The connection system provided on the long sides enables a joint-free look to be achieved.

Fast installation and conversion, low build-up heights and individual designs create an ent-

irely new range of possibilities. Design concepts can be implemented consistently for all room functions even in wet areas.

## Panel structure

The aluminium composite panel consists of a black polyethylene core coated on both sides with approx. 0.3 mm thick aluminium panels. The material is very dimensionally stable and flat due to the sandwich technology.



8. Multi-layered surface sealing
7. Decorative layer
6. Primer layer
5. Stabilising base covering layer
4. PE core
3. Stabilising base covering layer
2. Primer layer
1. Surface sealing

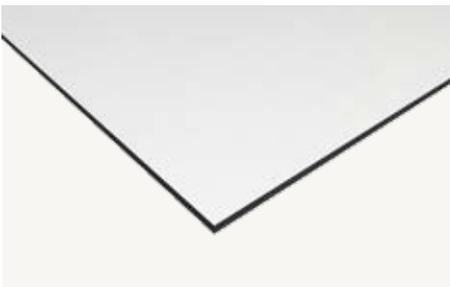


# PROPERTIES

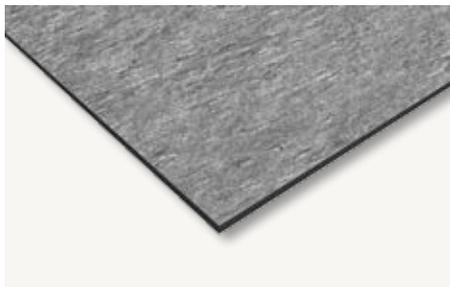


## DESIGNBOARD 310 CREATIVE

Backing material	Aluminium composite panel; core: Polyethylene
Thickness	3 mm
Weight	3.8 kg/m <sup>2</sup>
Standard formats (raw format obtuse-edged)	2500 x 1250 mm 3050 x 1250 mm
Standard formats (longitudinal Königsfuge joint)	2480 x 1230 mm 3030 x 1230 mm
Fields of application	Damp and wet rooms, laundries, kitchen rear walls, rooms with increased humidity



Plain colours



KD-0031-00-C Pizarro Argentó



Individual design decor on request

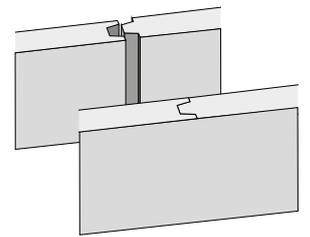
# ELEGANT APPEARANCE AND QUICK INSTALLATION.



- › Ideally suited for fast renovations by laying on top of old tiles
- › Simple working with usual power tools
- › Large-sized panels guarantee fast working



- › Easy to clean
- › Low structural height
- › Individual design possible
- › Königsfuge joint for a jointless appearance
- › Seamless formation of inner and outer corners up to 90°



Königsfuge joint



- › Water-repellent material
- › Resistant surface
- › Chemically resistant
- › Scratch and abrasion resistant
- › Outstanding interior room air quality
- › Versatile use



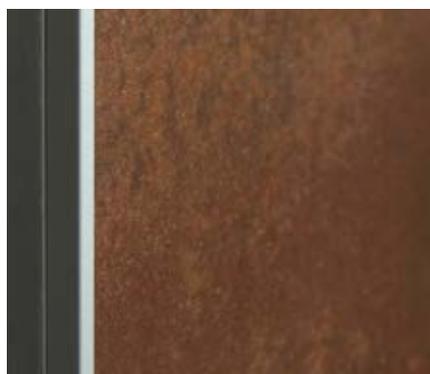
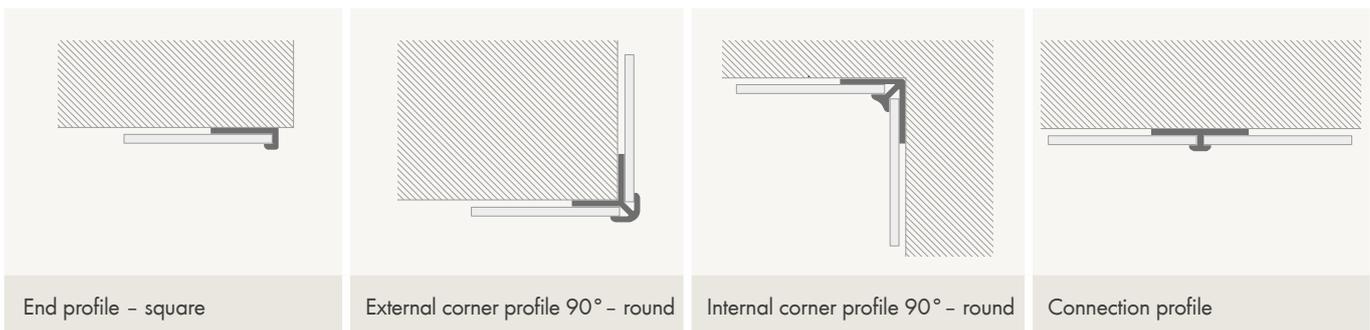
- › Low inherent weight – lighter than tiles or natural stone
- › Thin and dimensionally stable material



# ALUMINIUM PROFILES OFFER CONCEALED EDGE PROTECTION.

We offer anodised aluminium end profiles (length 3000 mm) as impact protection and for laminating the outer cut edges. External and internal corner profiles as well as connecting profiles are also available for the panel joint.

## Profile system



The end profile conceals the external cut edge.



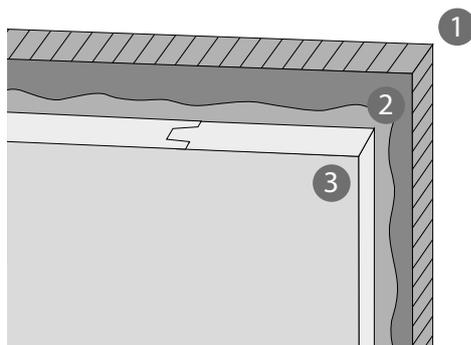
Seamless corner formation up to 90°.

Design decor Oxidian Metal Walnut (KD-0033-08-C) with Königsfuge joint.

# IDEAL FOR GLUED WALL COVERINGS.

## Wall structure

The decorative DESIGNBOARD 310 CREATIVE glued to the existing wall offers an effective and quick solution for creating a unique appearance on old tiled coverings or drywall constructions. The substrate must be sufficiently load-bearing, level and dry.



1. Existing wall with sealing layer
2. Knauf sanitary silicone\*
3. DESIGNBOARD 310 CREATIVE

\* Wall spacing: 0 - 10 mm. Other wall spacings from 10 - 40 mm and full-surface glueing using Knauf flexible adhesive possible. The sealing level must be ensured.

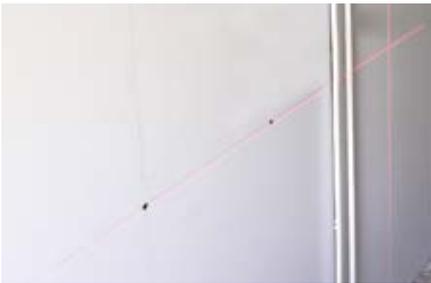
## Cleaning

The surface is only allowed to be cleaned with water containing alkaline detergent additives (e.g. washing-up liquid). Avoid the use of solvents, alcohol or scouring products. We recommend rinsing with clear water.



# INSTALLATION PROCESS USING SILICONE AND ADHESIVE TAPE.

The panels can be processed quickly and easily with conventional woodworking and metalworking machines. The general processing guidelines for aluminium composite panels apply.



### Measure dimensions

Measurement of the construction dimensions required for panel processing (use of a line laser)



### Transfer dimensions

Drawing of dimensions and drilling points on the back of the panel



### Cut panels to size

Cutting to size with a standard hand-held circular saw (using a guide bar and a fine-toothed carbide saw blade)



### Process edges

Burr removal after cutting with fine sandpaper or a file



### Fixation with adhesive tape

Initial adhesion by means of double-sided adhesive tape



### Apply Knauf Sanitary Silicone

Application of silicone with a vulcanization time of 1 - 2 mm/day



### Install panels

Panel installation by pressing on (internal and external corners up to 90° can be bent with the aid of V-joints)



### Final installation

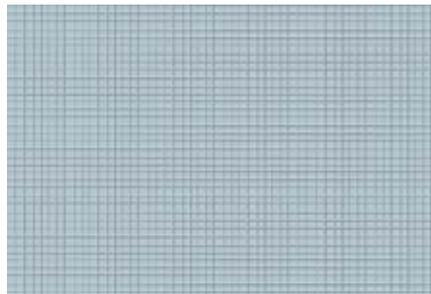
After sealing with silicone and curing, the room can be used

### Further information

Detailed installation instructions can be found in our technical brochure (Tro180.de).



KD-0033-01-C Oxidian Metal Anthracite



KD-0021-00-C Mesh



KD-0033-08-C Oxidian Metal Walnut



KD-0069-00-C Triberg Oak

# DESIGN DECORS

## Real feel-good oases

With our Knauf innovations, moist and wet rooms are not only optimally protected, they can also be given a stylish level of design. Individual decor and design variants enable the rooms to be turned into feel-good oases. Create

unique identities through graphic highlights in interior design. Graphics, photography, recreated genuine materials – this is how individuality can be given space.



KD-0001-00-C Limestone



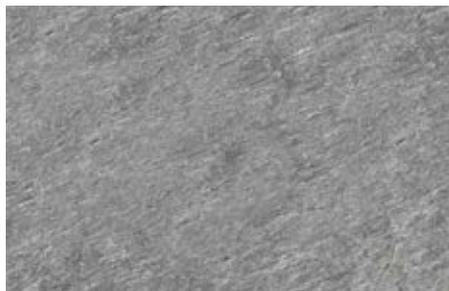
KD-0033-06-C Oxidian Metal White



KD-0070-01-C French Lattice White



KD-0002-00-C Concrete Pure



KD-0031-00-C Pizarro Argent



KD-0084-00-C Concrete Soft



KD-0085-00-C Tweedy Oak



KD-0113-00-C Tadelakt Turquoise



Individual design decor on request

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