NEOLÌTH

COMMERCIAL COUNTERTOPS PROTECTIVE EDGES & PROFILES

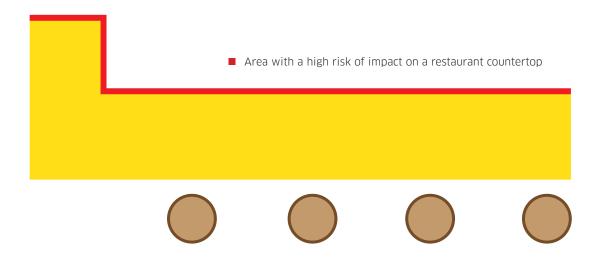


01. PROTECTIVE EDGES

1.1 Work Areas subject to Harsh Conditions

Even though a **Neolith®** countertop is resistant to impacts, there are harsh work atmospheres in which the edges recommended in section 6.5 of our **countertop technical manual** are not enough to properly protect the countertop in these environments.

In these areas with a **high risk of impact**, behind a restaurant bar counter, for example, rounded edges should be considered for the countertop.



Due to the design of some models, this option may not be the most aesthetic measure.

To solve this problem, **TheSize** sought the assistance of **Schlüter®-Systems**, whose construction systems are the result of extensive experience in the sector and guarantee a good final finish.

Schlüter®-Systems produces several profiles that are suitable for protecting **Neolith®** countertop edges.

Below is a summary of some profiles that have led to the best results with the various **Neolith®** models and thicknesses.

The profiles can be secured to the countertop with industrial silicone like **SoudalT-Rex**. The joint between the profile and the **Neolith®** countertop was rejointed with **Akemi Composil** colored silicones.

Profiles combined with a substrate like Schlüter®-Kerdi-Board or similar.

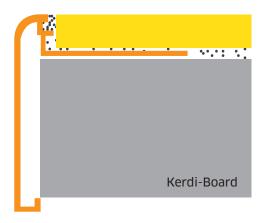
Sometimes, substrates like **Schlüter®-Kerdi-Board** are used. **Schlüter®-Kerdi-Board** is an extruded rigid foam panel covered on both sides with special reinforcement material to guarantee the effectiveness of the adhesive. **Schlüter®-Systems** has developed various types of profiles to cover the visible edge of the substrate.

Schlüter®-Rondec-Step

Schlüter®-Rondec-Step is a profile which, in combination with a Neolith countertop, creates a symmetrical outer corner and covers the front edge of the countertop. The profile comes in two aluminum finishes and allows for different decorative designs and interesting contrasts.



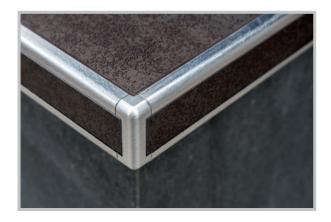
1. Neolith Beton 12 mm with Schlüter®-Rondec-Step and its outer angle

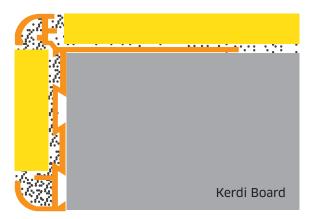


Cross-sectional image of a Schlüter®-Rondec-Step profile

Schlüter®-Rondec-Stepct

With **Schlüter®-Rondec-Stepct**, pieces with the same coating as the countertop as well as other materials can be inserted in the free space in the profile. Besides the decorative effect, the profile effectively protects the countertop edges from deterioration caused by mechanical aggressions. Special parts are available for **Schlüter®-Rondec-Stepct** to properly join the profiles to inner and outer corners.





 Neolith Iron Copper 12 mm with Schlüter®-Rondec-Stepct and its outer angle

Cross-sectional image of a Schlüter®-Rondec-Step profile

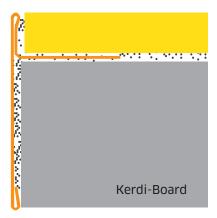
The suitability of **Schlüter-Rondec-Stepct** should be checked in cases where chemical aggressions may occur. Aluminum is sensitive to alkaline substances.

Schlüter®-Schiene-Step

Schlüter®-Schiene-Step is the right profile for **Neolith®** countertops. The top of the profile features a vertical section that finishes and protects the countertop edges from possible impacts while the bottom covers the edge of the substrate.



3. Neolith Zaha Stone 12 mm with **Schlüter®-Schiene-Step** and its outer angle



Cross-sectional image of a Schlüter*-Schiene-Step profile

Profiles to protect edges

Schlüter®-Quadec

Schlüter®-Quadec is a high-quality finish stainless steel profile for countertops, which also provides good protection for edges. The surface of the profile creates a square outer corner that is symmetrical with **Neolith®** countertops.





Cross-sectional image of a Schlüter®-Quadec-TSG profile

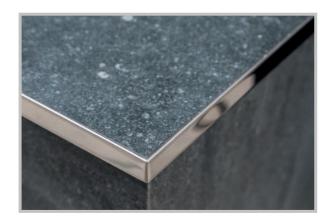
4. Neolith Cement 12 mm with Schlüter®-Quadec-TSG and its outer angle

Special parts as well as connections and covers for some finishes are available to easily and beautifully join **Schlüter®-Quadec** profiles to inner and outer corners

Schlüter®-Schiene

Schlüter®-Schiene is a special profile to protect and decorate the outer edges of **Neolith®** countertops.

The acting loads are deviated to the coating and support because of the thickness and special angle of the profile. Thus, the countertop edges are effectively protected from possible deterioration. A separator creates a defined joint between the profile and countertop.





Cross-sectional image of a **Schlüter®-Schiene-E profile**

Schlüter®-Jolly

Schlüter®-Jolly is a finishing profile for **Neolith®** countertop edges which also provides good edge protection. Since the profiles are available in different colors, the countertop and joint colors can be combined in addition to the possibility of creating interesting contrasts.





Cross-sectional image of a Jolly- AC profile

6. Neolith Estatuario 12 mm with **Jolly-AC**

Besides the decorative effect, the profiles also protect the countertop edges from deterioration due to mechanical aggressions.

The separator integrated in the profile creates an even joint between the profile and countertop.

Other models



7. Neolith Pietra di Piombo 12 mm with **Jolly-TSG**



8. Neolith Pierre Bleue 20 mm with **Schiene-A**





9. Neolith Iron Copper 12 mm with **Quadec-TSOB**

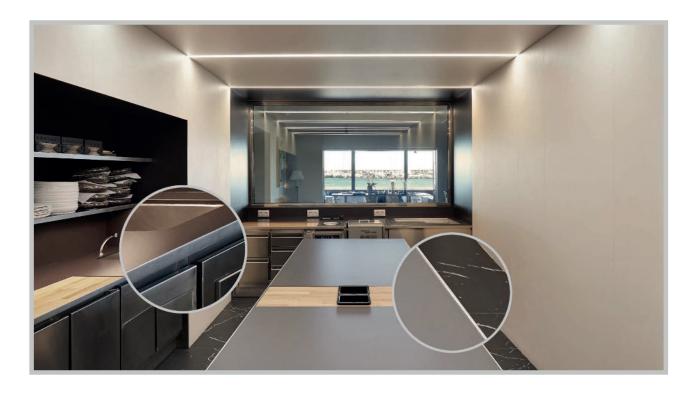
10. Neolith Nero Zimbabwe 12 mm with **Jolly-AC**

Composil - Akemi colored silicones

Photo no.	Neolith® color	Schlüter®-Systems profile	AKEMI silicone (Composil)
1	Beton Silk	Schlüter®-Rondec Step Brushed Aluminum	CC 1960
2	Iron Copper	Schlüter®-Rondec-Step-CT Brushed Aluminum	CC 2000
3	Zaha Stone Silk	Schlüter®-Schiene-Step-Eb Brushed Stainless Steel	CC 1840
4	Cement Satin	Schlüter®-Quadec-Tsg Lacquered with Gray Relief	CC 1805
5	Pierre Bleue	Schlüter®-Schiene-E Stainless Steel	CC 1880
6	Estatuario Polished	Schlüter®-Jolly-Ac Lacquered White	CC 1130
7	Pietra di Piombo Silk	Schlüter®-Jolly-Tsg Lacquered with Gray Relief	CC 1850
8	Pierre Bleue	Schlüter®-Schiene-A Stainless Steel	CC 1880
9	Iron Copper	Schlüter®-Quadec-Tsob Lacquered with Bronze Relief	CC 2000
10	Nero Zimbabwe	Schlüter®-Jolly-Ac Lacquered Black	CC 1000

Projects with profiles

Miramar Restaurant - Llançà, Girona, Spain





Enigma Restaurant - Barcelona, Spain





Confusion Restaurant - Porto Cervo, Italy





Kutchiin & Campus Loft Restaurant - Münster, Germany





Gasma, Universidad Gastronómica - Castellón, Spain







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