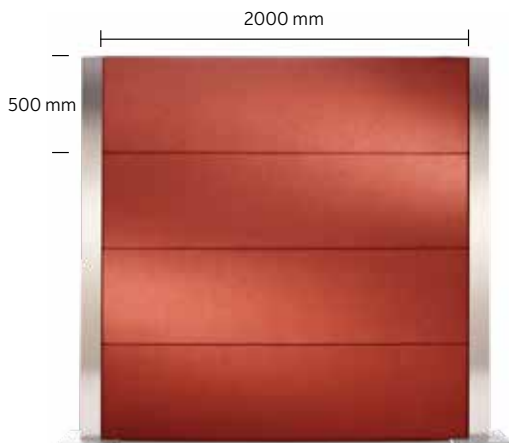




Terrasoft®

## Noise absorbing wall



The Terrasoft noise protection elements do not only offer effective and certified noise and privacy protection, but they are also attractive design elements. The rubber elements are incorporated between steel or stainless steel tubes as supporting systems. The noise-absorbing concave drainages are turned towards the source of noise, whereas the other side is free and can be designed according to individual wishes – there is no limit to phantasy in designs ranging from outdoor pinboards to individual paint finishes. Equipment of already existing support systems with Terrasoft acoustic systems at a later point in time is also possible. The high efficiency in noise-absorption of the rubber elements is reached with the patented multi-layer production. Individual frequency requirements can be reached as well.

### ADVANTAGES

- high sound-absorption with the patented multi-layer production
- rail with frame made of stainless steel
- mobile noise-protection elements

### APPLICATION

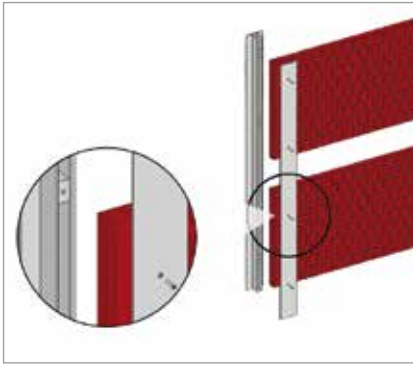
The noise protection elements made of high-quality, coloured rubber granule, suits along very busy streets as well as a flexible and mobile boundary for temporary actions in a public space or as a noise and visual screen in the outdoor area of the house. It is quickly fitted, attractively priced regarding purchase and maintenance and ensures effective noise protection.

A noise-absorbing wall in a format of 1800 x 600 x 80 mm reaches the following sound absorption results:

**Sound absorption value**  
acc. to DIN EN 1793-2  
**highly insulating**  
Klasse B3,  $\geq 30$  dBClass

#### Absorption group

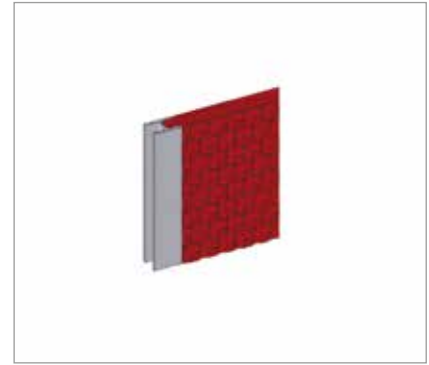
A1	> 4 dB	non-absorbing
A2	4 - 7 dB	absorbing
A3	8 - 11 dB	highly absorbing
A4	> 11 dB	



The noise protection elements are fit into U-rails.



The inside of the noise protection wall is equipped with rails to stabilize the rubber granule.



An elegant and form-fit connection – rail with frame made of stainless steel meets element made of rubber granule.

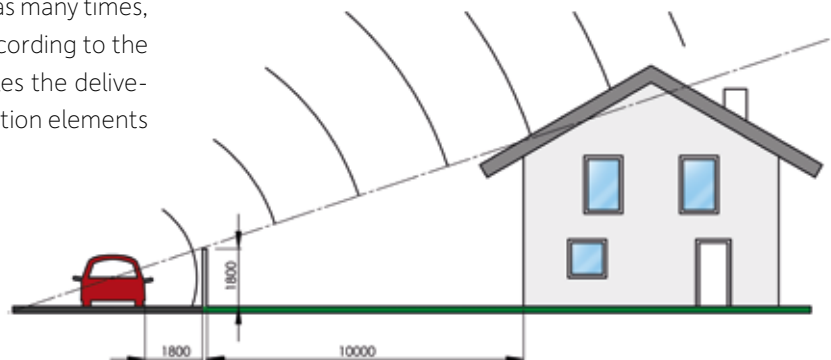
## SERVERAL SURFACES

Terrasoft acoustic panels are both highly sound-absorbing and they also insulate the sound. This patented system achieves the almost unbelievable result of more than 11 dB sound absorption as well as more than 30 dB sound reduction at a product thickness of 80-90 mm. The homogeneous Terrasoft soundproofing element, possibly available with a larger surface by a drainage structure, provides with an arbitrarily adjustable porosity ideal conditions for excellent sound absorption.

Directly behind it is a fine granular structure with high binder saturation, which ensures high weight and density appropriate for extremely high insulation values. This sandwich system can be repeated in one pressing process as many times, so that the desired values can be adjusted according to the requirements. The company's own tool enables the delivery of forms for the production of sound insulation elements that are tailored to your demands.

According to TÜV Rheinland (German Technical Control Board), the Terrasoft noise-absorbing systems meet the relevant requirements for noise barrier walls on German national motorways as per ZTV-Lsw 06.

Note: The static has to be on the part of the building site.



### Colours



-10x redbrown  
-12x green  
-13x anthracite  
-07x silvergrey

### Specifications

