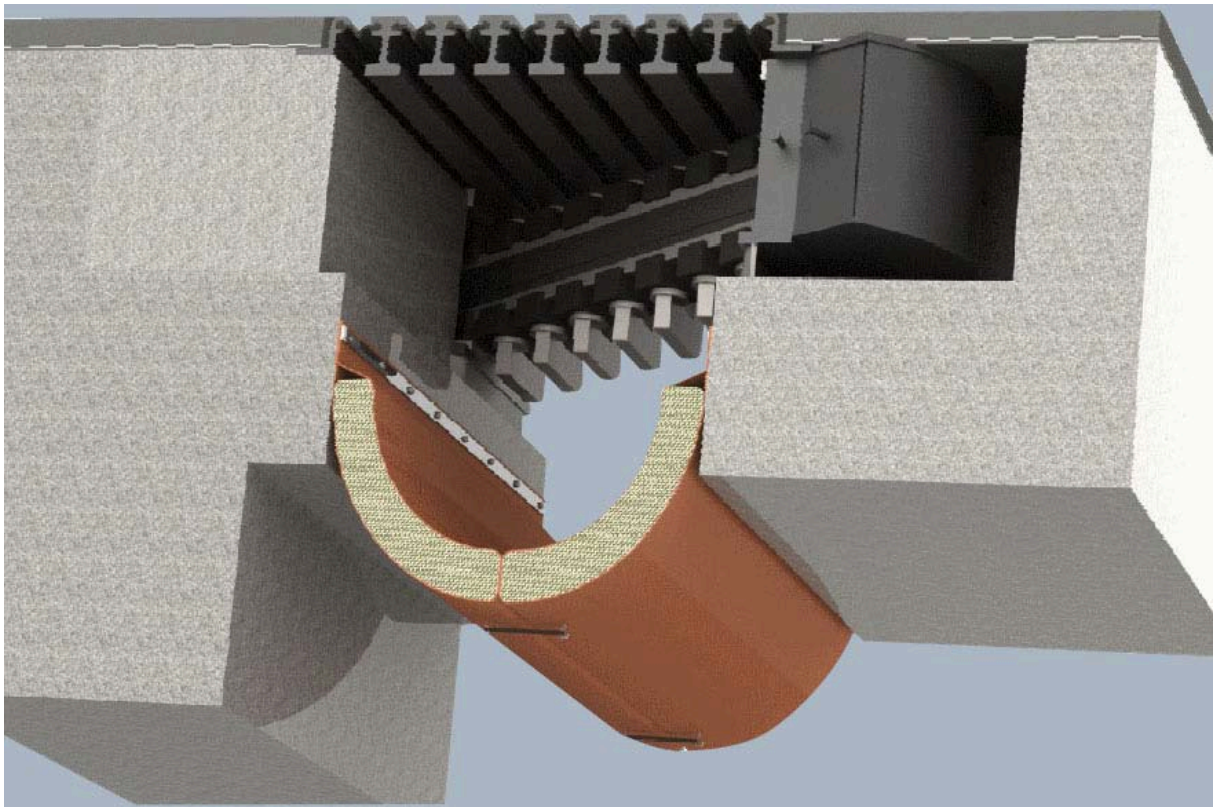


MAURER GU-f

The flexible noise protection-system underneath expansion joints

- Modular structure – can be handled by 1 person
- Combination of reflexion + absorption of noise ensures high efficiency
- Retrofitting underneath of existing expansion joints is possible
- Durable design – infinite number of opening and closing movements possible
- Optimum supplement to expansion joints that entail noise protection at their surface



MAURER GU-f

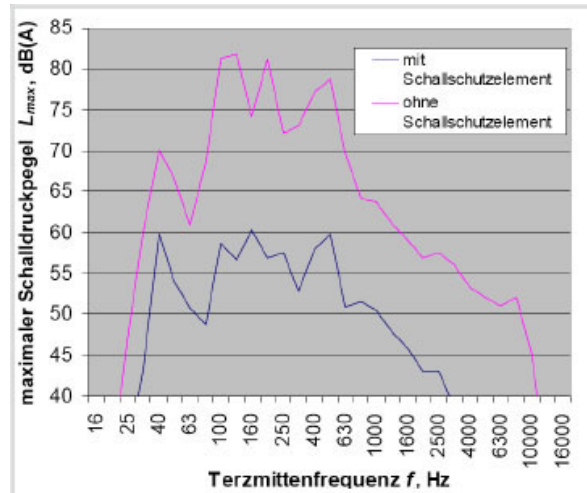
The combination of low noise emission lamella-expansion joints („diamond shaped elements“) with the herewith presented system GU-f underneath the joint „GU-f“ stands for an optimum reduction of noise emissions of expansion joints.

The patented system GU-f is an enhancement of the hitherto employed noise-insulation of expansion joints and displays the following advantages:

MAURER GU-f

The flexible noise protection-system underneath expansion joints

- Next to the required longevity, the combination of the employed material an efficient reduction of the impulse like and low frequency noise emissions which have a far reach of disturbance. Fig 3 displays the efficiency of the system also in the low frequency range (measured at the abutment underneath the insulation). Measurements demonstrated a noise reduction effect far below the required 15 dB(A).
- By way of its modular structure, this noise protection system is also suitable for retrofitting underneath existing joints.
- Opening and closing of this system is possible by just one person, without using any tools.
- Moisture that should form from above will not be collected, but can be drained away by a drainage system which is located at the lowest point.



Reduction of noise emission by way of GU-f: 19 dB(A)



Modular structure of the GU-f system



local, user friendly opening of the GU-f system

- This system can be adapted to any geometry in respect to structural gap and expansion joint structure, while maintaining the simple serviceability.