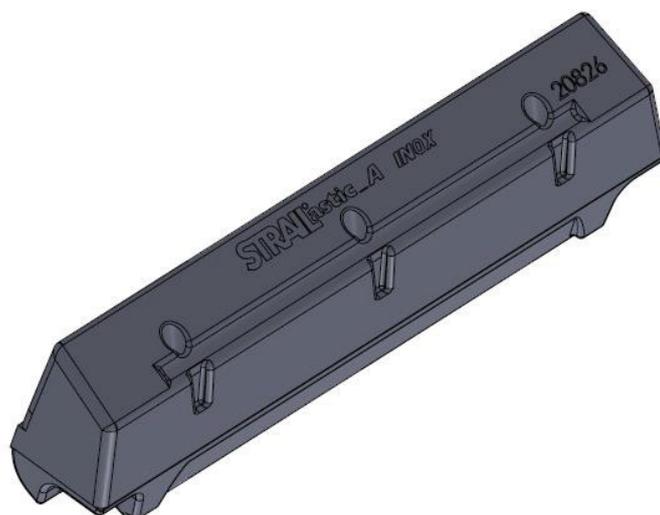
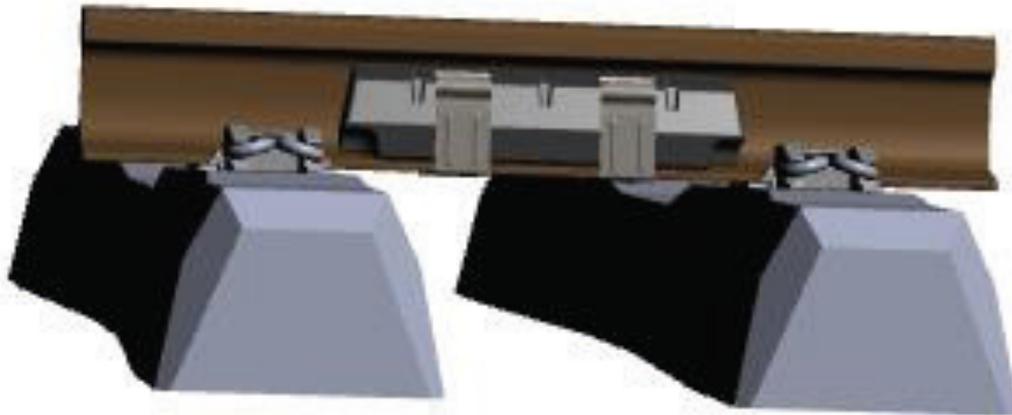


STRAILastic_A inox 2.0

is a track damping system which is applied at standard-gauge railway tracks and in terminal areas in order to reduce noise.



Technical data sheet		STRAIL[®]lastic	
STRAIL[®]lastic_A INOX 2.0 <small>RAIL</small>			
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1. Application

STRAILlastic_A inox 2.0 absorbers are track dampers for the reduction of noise emissions and agitation. Due to the discontinuous support of the rails on the sleepers and imbalance of the shifting wheel, rails are caused to vibrate. Based on its weight, the absorber damps the vibration and therefore reduces the noise.

2. Product Description

STRAILlastic_A inox 2.0 – absorbers consist of a special, heavy elastomer compound as well as a steel insert and are produced in a specialised vulcanising process. Based on its great mass, the absorbers function as mass dampers. The materials chosen increase the overall damping effect and noise emissions are minimised.

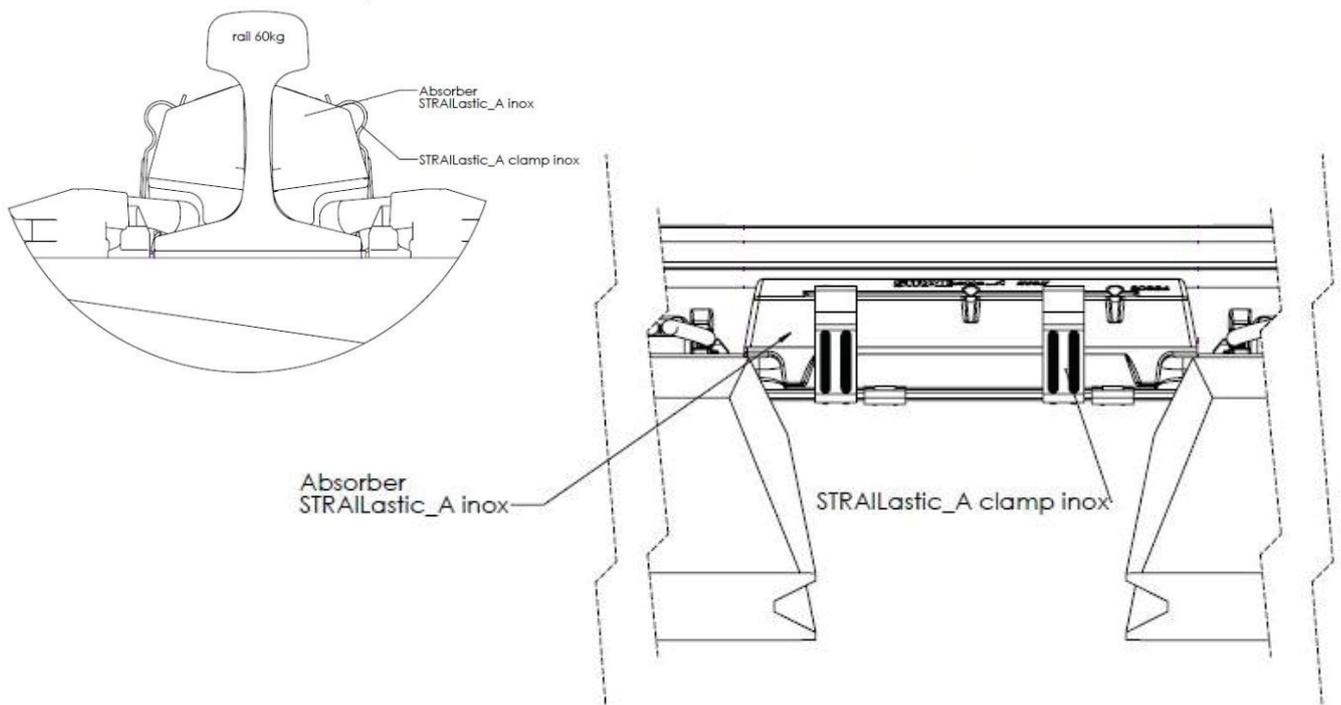
STRAILlastic_A inox 2.0 – clamps made of stainless steel connect the absorber with the rail. A damage-free removal is possible at any time and the elements can be used again many times.

STRAILlastic_A – coating achieves a high level of corrosion protection for the rail and allows an optimised connection of the absorber regarding noise.

Temperature operating range of the system: - 50° C to + 90° C

3. Drawing

Embodiment for rail 60kg



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4. Components / Technical Data

4.1 STRAILastic_A inox 2.0 – absorbers consist of virgin rubber elastomer compound with steel insert

Characteristic	Description
Colour:	Standard black
Dimensions:	Dimensions and weight vary according to the superstructure.

Characteristic	Value	Unit	Standard	
Hardness	62 ± 8	Shore A	DIN	53505
Density	2.40 ± 0.25	g/cm ³	DIN EN ISO	1183
Tensile strength	> 1	N/mm ²	DIN	53504
Tear propagation strength	> 3.5	N/mm ²	DIN	53504
Breaking elongation	> 70	%	DIN	53504

4.2 STRAILastic_A inox 2.0 – clamp made of spring steel

Name of material: 1.4310
 Characteristics: rust-free stainless steel acc. to DIN 17224 : 1982

Characteristic	Value	Unit	Standard	
Tensile strength	1,300 – 1,500	N/mm ²	DIN	17224 : 1982

4.3 STRAILastic_A – coating black is a viscoelastic elastomer product on hybrid base.

The STRAILastic_A coating achieves a high level of corrosion protection for the rail and ensures an optimized connection of the absorber regarding noise.

It must be stored protected from frost and sun.

5. Installation

Installation must be carried out according to the **STRAILastic_A inox 2.0** – installation instructions.

6. Quality and Environment

KRAIBURG STRAIL GmbH & Co. KG is a certified company according to standard ISO 9001:2008

External supervision according to standard DIN 18200

KRAIBURG STRAIL GmbH & Co. KG uses environmentally friendly materials.

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