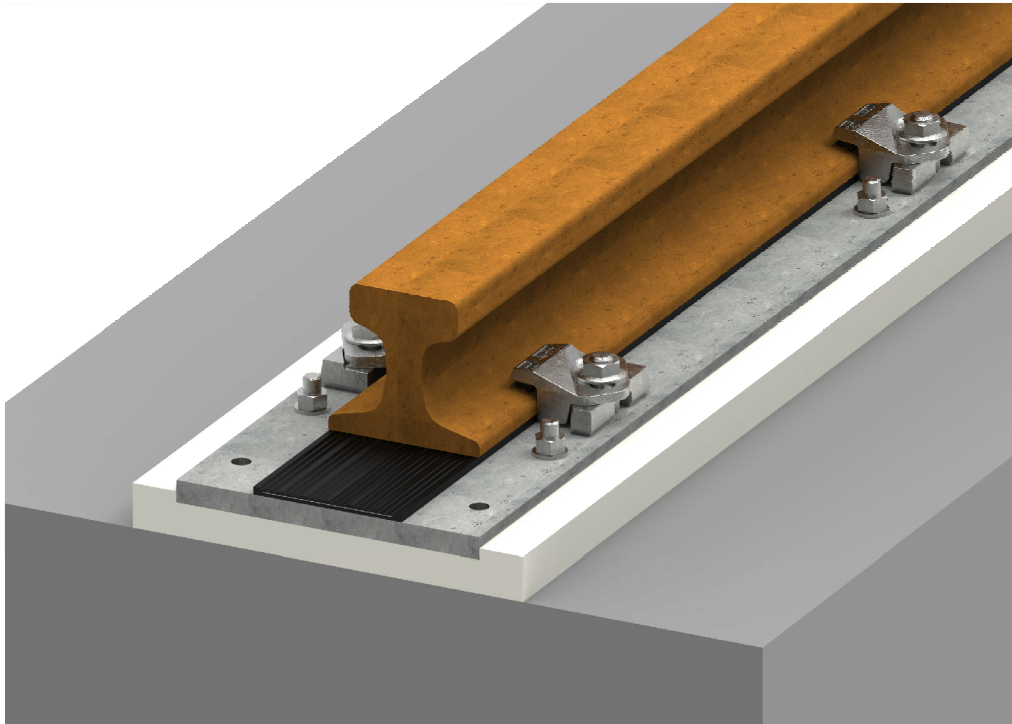
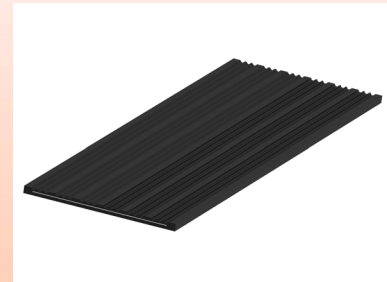


# Bemo Rail - Reinforced pad (MK6)



Bemo Rail MK6 reinforced pads have been specially designed for the soft mounting of crane rails, and its support substantially improves the performance of heavy duty crane tracks. Cranes apply very high forces to the structures on which they are mounted. The pad significantly reduces the stress between the rail and its support.



## Bemo Rail – Reinforcement pad:

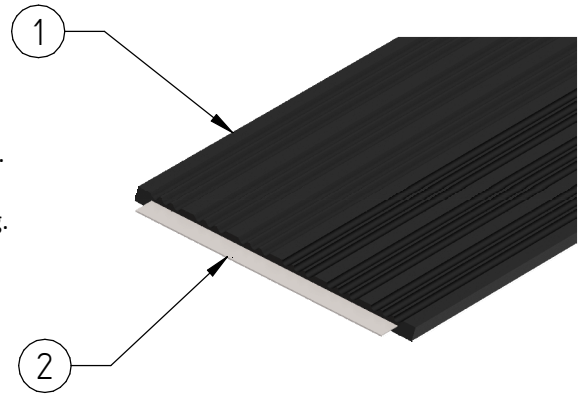
- Are Manufactured as a vulcanized synthetic elastomer strip, reinforced with a steel strip. The upper face is grooved.
- Reduce the wear of the rail and its support:  
Absorb the uneven surfaces.  
Improve the contact between the rail and support.
- Are specially to wear, shear, crushing, oil, greases, oxygen and ultra violet rays.
- Are designed for service temperatures from -25°C up to 110°C, especially owing to low and high temperature pads.
- Reduce noise and vibration.

# Bemo Rail - Reinforced pad (MK6)



## Material characteristics:

- Composition: synthetic elastomer reinforced with a steel strip.
- Shore hardness: 75 °A ± -5 °
- Max. Tensile strength: 17,5 N/mm<sup>2</sup> – 15,0 N/mm<sup>2</sup> after ageing.
- Elongation: 305% as supplied – 240% after ageing.
- Working temperature: -25 °C to + 110 °C.
- Vibration reduction: 45%-50%.
- Rebound resilience: 12%.
- Permanent Set: <5% (<20% after aging)



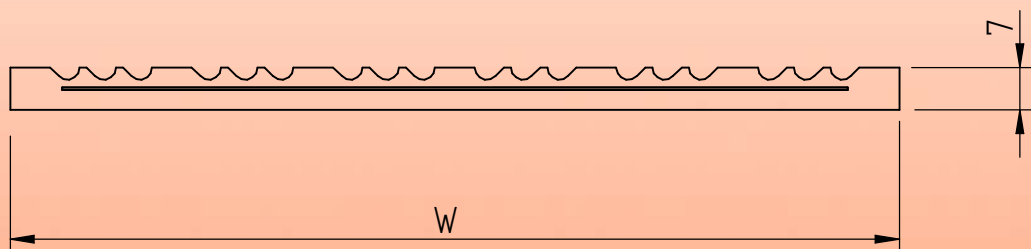
1. Resilient pad
2. Steel reinforcement

## Overall dimensions shall be:

- Pad width Rail foot width, plus 0, less 5 to 6 mm.
- Pad thickness 7 mm nominal (- 0 mm/ + 0.5 mm).
- Pad length 12m (minimum).
- The reinforcing shall be of steel with the following characteristic:  
Minimum thickness 0.7 mm  
Minimum width 60% of the pad width  
Tensile strength 690 MPa
- The rubber shall be securely bonded to the steel by means of, a vulcanization process.
- Rubber to steel bond strength shall be minimum of 4.7 kN/m<sup>2</sup>.

Table with the standard dimensions.  
Other sizes are also possible on request

Width (mm)	Weight (kg/m)	Width (mm)	Weight (kg/m)
90	0.8	170	1,7
105	1.0	175	1.8
115	1.1	180	1.8
120	1.2	185	1.8
130	1.3	190	1.9
140	1.4	200	1.9
150	1.4	220	2.2
155	1.6		



2	Steel plate		0.7 mm		
1	Rubber pad	Rubber			
Item	Description	Material	Type / Dimensions	Norm	Comments