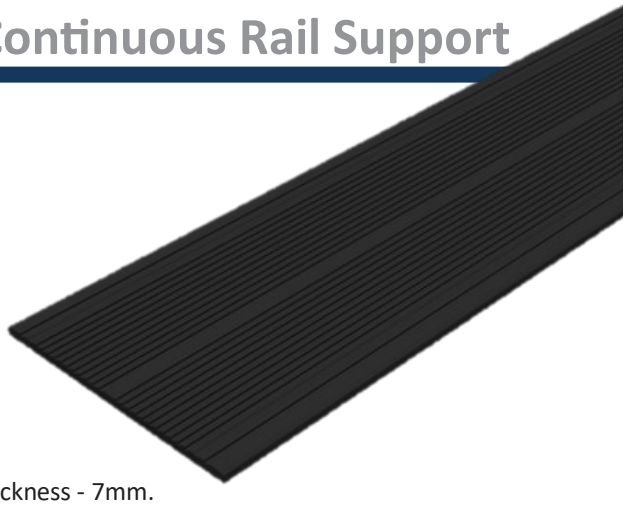
ATLANTIC TRACK®

# F7 Pad

## For Continuous Rail Support



The F7 pad has been specially designed for the soft mounting of crane rails to substantially improve performance of heavy duty tracks. Mounted on a continuous surface of steel or concrete, the pad becomes an integral ingredient to achieving a reliable track.

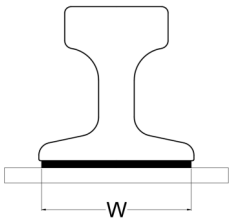
The F7 pad is manufactured from wear resistant durable vulcanised nitrile rubber. They are unaffected by oil, grease or ultraviolet light. The pad incorporates a bonded steel reinforcement strip which is encapsulated for protection against corrosion.

Pad thickness - 7mm.
Pad widths - please see the table in middle of page.

## Features:

- Help reduce the wear of the rail and its support.
- Absorb uneven surfaces.
- Improve the contact between rail and support.
- Reduce noise and vibration.
- Suitable for all normal environmental conditions.
- Grooved pad profile for strategic pad compression during loading. Increased pad rigidity at heavier loads.
- Steel insert for increased load distribution and pad rigidity.
- Enhanced pad profile reduces stress at steel insert edges, leading to longer pad life

| Pad Size - Pad Thickness (7mm) | |
|---|---|
| Designation | Size (W) |
| F7 - 100 | 100mm |
| F7 - 115 | 115mm |
| F7 - 125 | 125mm |
| F7 - 135 | 135mm |
| F7 - 145 | 145mm |
| F7 - 155 | 155mm |
| F7 - 165 | 165mm |
| F7 - 195 | 195mm |
| F7 - 215 | 215mm |




| Mechanical Properties | |
|---|---|
| Shore Hardness | 75° A ± 5 (ISO 48:1994) |
| Tensile Strength | 17.5N/mm² (ISO37:1994) |
| Elongation | 305% (ISO37:1994) |
| Temperature Range | -25°C to 100°C |
| Environment protection | Chemicals - Oil - Grease<br>UV protection |

## Installations Instructions

The CRS pad should be narrower or the same width as the rail foot (5-10mm Narrower). The pad is supplied in 12 metre lengths which can be cut. The pad grooved surface should be in contact with the rail foot. The pad flat surface should be in contact with the supporting structure. The F7 Pad length should span between 3 clip pairs – Minimum. (Where the pad needs to be shorter — Contact Technical department) Before placing the pad on the structure — Structure should be clean and free of debris, oil and grease. The support structure should ideally not be painted. During rail welding operations the pad should be protected from extreme heat by either removing it or using a thermal barrier.

Please contact the technical department to be advised further in specific installation environments and conditions.

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*Atlantic Track reserves the right to discontinue or change specifications or design at any time without prior notice and without incurring any obligation whatsoever.*