



RAILduct™ Cable Trough

The modern, lightweight alternative to concrete cable troughing

RAILduct™ is an HDPE moulded cable trough system, manufactured by CUBIS Industries.

Weighing under 15kg but capable of taking loads imparted by vehicular traffic, RAILduct™ offers significant advantages in health and safety, speed of installation and flexibility.

Most importantly, laying RAILduct™ is typically 5 times faster than traditional concrete units, reducing the total cost of installation.

1 metre long sections are connected using the unique Twist and Lock jointing mechanism which allows a small amount of movement to follow gentle curves in the track.

RAILduct™ has been installed in many rail applications throughout the world and in different extremes of temperatures. It has also been adapted for projects in power and highways applications.



Key benefits



Strong

RAILduct™ has a strong structural design, vertically and laterally, due to the material used (nitrogen foamed HDPE) and reinforced ribbing.



Secure

Units come with a lockable cover as standard. As the interlocking connection between the components is completely buried during installation, RAILduct™ cannot be disassembled by vandals.



Lightweight

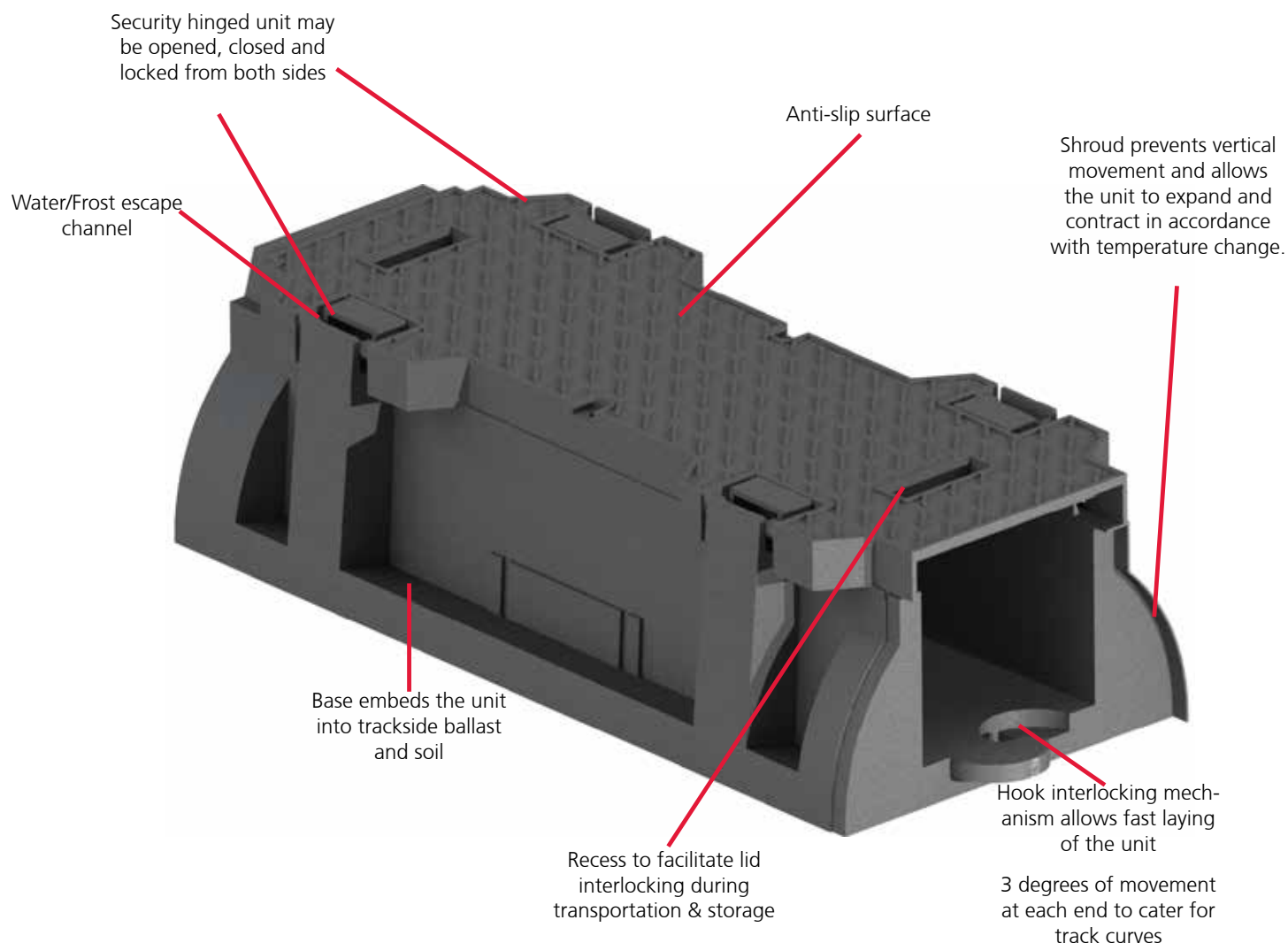
All parts weigh below 25kg, making one unit suitable for a single person to lift. A single concrete unit can weigh up to 120kg. Choosing RAILduct™ results in faster, safer and cheaper installations.



Flexible

RAILduct™ is built with 3° of flexibility in the interlocking connection to match bends in the track. For more extreme bends, vertical and horizontal bends can be supplied.

Product Design & Features



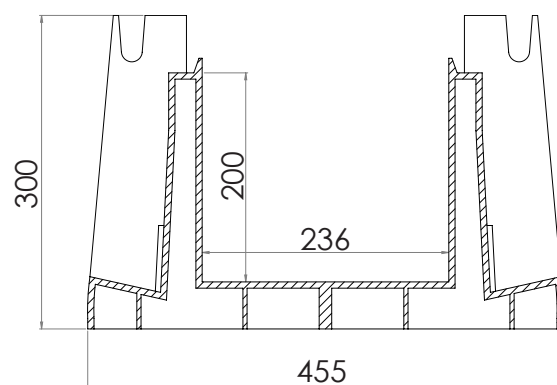
Product Profile

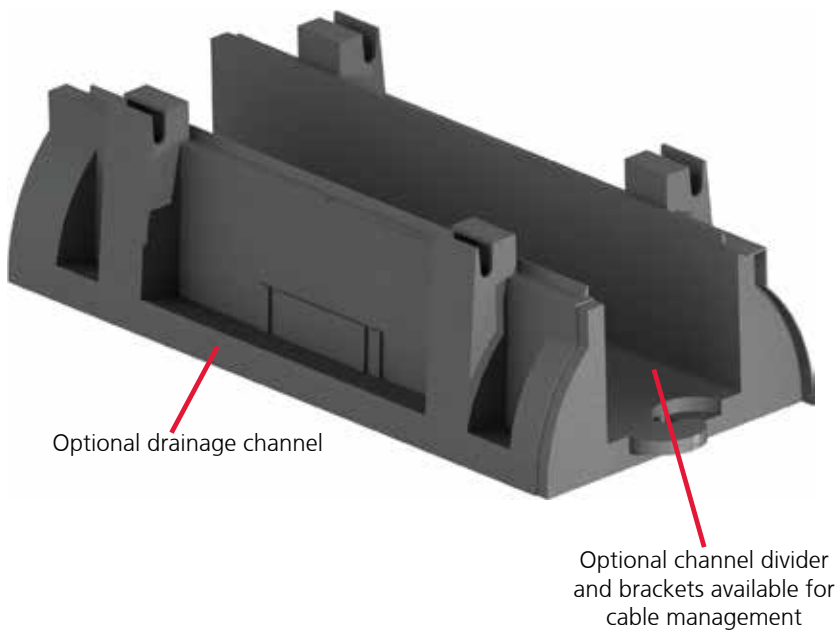
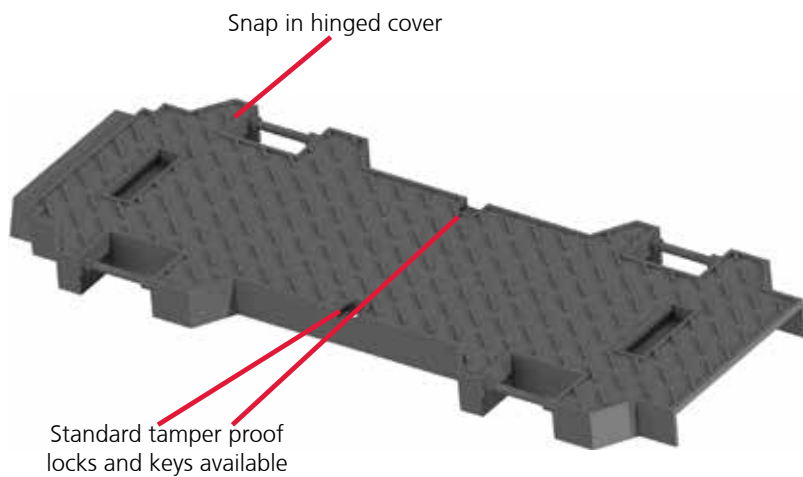
Weight:	9.9kg (body) 4.3kg (cover) 14.2kg (total)
Length:	1020mm
Material:	High Density Polyethylene
Pallet qty:	Body - 15 per pallet Cover - 60 per pallet

Temperature Range

RAILduct™ is suitable for installation in all environments. The HDPE material used has a high UV stability. Details of testing can be supplied on request.

Section Profile





Joining procedure



Units are joined together using Twist and Lock mechanism



Covers are fitted by clipping in

Bends & T-Junctions

RAILduct™ has 3 degrees of flexibility built into every unit due to the twist and lock mechanism. For more extreme bends, units can be supplied that meet the exact requirements of the track design. T-Junction units can also be supplied for breaking away from a cable trough run.



Strength

RAILduct™ is designed with reinforced ribbing which ensures it meets vertical load requirements of up to 60kN (6 tonnes). B125 load specifications for platform areas can be met when RAILduct™ is fitted with a steel or ductile iron cover.

Product in Use



Clockwise, top left: Adelaide Train Depot, Belfast, Northern Ireland.
 Installation between tracks, Scandinavia
 Installation in a Power Station
 Installation alongside tracks, Scandinavia

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V1.0	10/12/2012

