



MEADRIN RAIL



Tramrail Drainage  
General Information

## MEA<sup>®</sup>DRAIN RAIL ELEMENTS TYPE 1 CONNECTING ELEMENTS, MADE OF POLYMER CONCRETE, FOR SAFE DRAINAGE OF TRAMRAILS

Drainage of rail systems is a substantial component of the road safety of tramways. Insufficient drainage of the wheel rim is primarily responsible for a build-up of dirt particles. MEADRIN RAIL connecting elements help to keep the rail system dry and clean and thus are an important contribution to the value of municipal infrastructure services.

With MEA you are always on dry ground!

POLYMER CONCRETE

DRAINAGE

MEA<sup>®</sup>

# MEA® DRAIN RAIL ELEMENTS, TYPE 1



## Rainwater management

Especially in urban areas rainwater management is a challenge.

In trafficked areas the surface water contains organic materials and fuels as well as oils. This water cannot pass to the surface water main unless it has firstly had the contaminants removed. MEADRAIN Rail connecting elements will help to collect these waters and pass it on via the interceptor.



## The system

Our Rail elements make it possible to drain the rails and connect with our standard drainage systems. Like the channels, these connecting elements are also manufactured of polymer concrete and provided with a cast iron edge protection.

The rail elements provide a perfect solution for draining the tramway and utilizing a standard channel body.

## Installation

The modular design allows it to cover the different track widths with only one Rail Element. The length adjustment takes place in the standard MEA channel. The Rail Elements are connected permanently to the tram rail with silicone, preventing any water from running alongside the rail, beside the channel.

## Maintenance and cleaning

The rail elements can be cleaned by accessing the standard channel system at an appropriate intersection. The proven MEA quick-locking mechanism systems offers fast and safe access to the area to be cleaned via the grating.

## Advantages of the material:

- Watertight
- Excellent chemical resistance
- Fast discharge of water and dirt particles
- Extremely age-resistant
- Frost, rust and wear resistant
- Virtually maintenance-free
- Environmentally compatible building material with mineral aggregates

For different channel types, different solutions are required. Please ask our Sales Department which solution can be provided for your specific project.



## MEA DRAINAGE SYSTEMS

Ambachtsweg 18, 7021 BT Zelhem, The Netherlands  
P.O. Box 90, 7020 BT Zelhem, The Netherlands  
Tel.: +31 (0)314 – 627 762 – fax: +31 (0)314 – 627 777  
sales.info@nl.meade – [www.mea-group.com](http://www.mea-group.com)

MEA Drainage Systems is a company name of MEA Polymer Beton B.V.