

# KIWIRAIL AND EUROFLO® HDPE PIPE

## TESTIMONIAL #1

### ROWAN LEE CULVERT LEADING HAND, KIWIRAIL

“We have used EUROFLO® for projects mostly involving culvert replacements and fluming jobs and have found that the products are easier and safer than concrete pipes.

Our main reasons for making the switch to EUROFLO® was the aforementioned ease of use – including easier cutting and customisation of pipes as required on the job, ease of connecting fixings to the pipe, the simplicity of transportation and the fact no heavy machinery or specialised lifting equipment is required, and the greater overall length reducing the amount of joins in the pipe and covering more area per pipe installation.

Being that the EUROFLO® piping is significantly lighter it is safer and easier to lift and install. When the pipe is in the ground, minor adjustments can be made with simple tools resulting in an accurate installation in a shorter amount of time, decreasing the time the rail is impassable and minimising the risk that we will fail to live up to one of our “Life Saving Behaviours” around suspended loads.

Due to the remoteness of some of our replacements, being able to transport the pipes on our hi-rail vehicles directly to site is a big bonus and only requiring the Hiab to lift are perfect examples of the ease of use.

There has been no deformation of the pipe under load, but we have only installed pipe in single line areas and at depths greater than 1800mm.”



## TESTIMONIAL #2

### MIKE NEWMAN SUPERVISOR RAIL, DOWNER

#### LYTTELTON TUNNEL PROJECT

“We used EUROFLO® for our Lyttelton Tunnel project, a critical infrastructure project given the tunnel is a vital transport artery for Christchurch. We placed 2000m of EUROFLO® 315mm OD pipe. It was very easy to install as long as they were all facing the right direction when taken into the tunnel on our hi-rail truck. Over the first two-day block of time we put in 500m of pipe as there was a bit of learning for all of the team. The pipes were installed with rodding eyes every 100m or so and wrapped in bidim. Over the second two-day block of time we put in 1500m of pipe. It was possible for the pipe to be picked up and placed by one person if needed, but easier with two.”



#### KAIMATA TUNNEL PROJECT

“EUROFLO® SN4 160mm OD slotted pipe and SN8 160mm culvert pipe was used in the Kaimata Tunnel (West Coast) project. The project involved digging out and replacing the formation in the tunnel, which included putting in new subsoil drains. Because the pipes are push fit there is no need for glue which is great when working in the confined space of a tunnel. Additionally, because of the relative lightweight of HDPE – in contrast to concrete pipe – you don’t need extra machinery to lift heavy pipe into place which reduces the chance of injury in such a confined space.”