

Sliding into success

PROTECTING YOUR TIPPER AND INCREASING PRODUCTIVITY ISN'T A COMPLICATED MATTER – AT LEAST IF YOU ASK **E-PLAS**. WITH A SIMPLE INSTALLATION PROCESS AND A 'PRACTICALLY NON-EXISTENT' MAINTENANCE ROUTINE, ITS QUICKSILVER TIPPER LINER IS A TOOL TO DO TWO THINGS AT ONCE.

North American plastics expert Quadrant Engineering Plastics Products has been developing specialised plastics for more than 60 years. Available nationally through authorised distributor E-Plas,

its QuickSilver® tipper liner provides a slick surface that promotes accelerated dumping from tippers while protecting the trailer body. "QuickSilver has proven to be an

exceptional product in many bulk handling applications, due to its durability and ability to handle a diverse range of materials, from mineral sands to snow, sludge and clay," says E-Plas Director, Lisa Morgan Marshall. "We supply it to bulk handling, mining, tipping, waste disposal, agriculture, landscaping and many other industries."

E-Plas National Operations Manager, Gino Valente, explains that the installation process requires a series of stainless steel fasteners and washers at the front of the dump body and hoist box. Leading edge protectors, made of either stainless or mild steel, are attached one at a time along both sidewalls of the trailer body. "Both leading edge protectors have a 70mm gap at the end of the trailer body to allow for linear expansion of the material. We can also supply pre-scored material for ease of installation," says Gino.

"QuickSilver is easy to install and maintain, and increases the longevity of your tippers and trailers. An experienced installer who is familiar with the material can fit out a trailer or truck body in less than a day," Lisa adds.

Thanks to the method of installation, the liner can also be effortlessly replaced every three to five years, depending on the type and size of the typical load. Gino adds that it can also be retrofitted onto used trailers, but it is best fitted to a new body or one still in good condition "to fully maximise the life of the trailer".

According to Lisa, the material has also been successfully fitted by owner/operators. "The installation is very straightforward, as long as the instructions are adhered to. We are able to offer guidance where the customer is unclear, alongside the detailed installation instructions provided courtesy of Quadrant.

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Fast Fact

E-Plas National Operations Manager, Gino Valente, explains that the continuous QuickSilver liner is generally supplied in full coils. "A standard roll is 31m in length and 3.05 m in width. The thickness is a standard 12.7 mm for heavy aggregates, but we can also supply it in 6 mm or 9.5 mm. We can also supply much greater continuous lengths as special orders, which take around 10-12 weeks for delivery," says Gino.

However, we generally recommend working with an experienced installer," she says.

Although the installation process is simple, the product itself is made from a complicated mix of state of the art, ultra-high molecular weight polyethylene (UHMW-PE) and specialised additives that make it virtually self-cleaning and "extraordinarily slippery". The load doesn't stick to the liner, so layers don't build up from previous deliveries, helping to reduce material compaction and carry-back. "I described it once to a colleague in the industrial building sector as 'Teflon for tippers'," Lisa says.

The slippery surface of QuickSilver usually dumps clean by the tipper's third ram stage, meaning that extreme tipping heights are no longer necessary, reducing wear and tear on brake hydraulics. Lisa adds that heavy loads are not a problem, but if large particles are to be hauled it is best to contact E-Plas personnel for advice on whether QuickSilver is right for the application. "Our main warehouse and head office are in our custom built facility in Ravenhall, Victoria, and we have branches in WA, QLD, SA and NSW, so help is never far away."

Although it has been available through E-Plas for around eight years, Lisa explains that QuickSilver has only really impacted the market in the past five, after proving to be a simple and effective way to increase productivity. "QuickSilver outwears steel two to one and aluminium four to one, and we back it up with a four-year non-



prorated manufacturer warranty. More and more operators are starting to see how simple it is to get the most out of their equipment with QuickSilver." 

Contact

E-Plas
105 Eucumbene Drive, Ravenhall, Vic. 3023
National: 1800 806 475
Ph: 03 8361 1791
Web: www.eplas.com.au