



# ShearLock<sup>®</sup>

ENGINEERED SLOPE RETENTION  
SYSTEM



VERSION 1.

0800 247 839 | [WWW.CIRTEXCIVIL.CO.NZ](http://WWW.CIRTEXCIVIL.CO.NZ)





# Shear Lock®

## ENGINEERED SLOPE RETENTION SYSTEM

Shear Lock is an innovative and cost-effective way to prevent or repair shallow landslides.

Shear Lock uses tried and true engineering principles combined with Shear Lock Piles to quickly and efficiently retain unstable material and 'lock' the potential shear failure plane. (Shear Lock Piles are a Registered Design of Cirtex®)

Many areas in New Zealand, especially around road and rail infrastructure, are characterised by steep and unstable slopes, causing landslides to block the road or rail network during frequent storm events. With the Shear Lock system, the slipped soil can be pushed back on to the slope and compacted into place, then stabilised by installing Shear Lock Piles in a predetermined grid pattern.

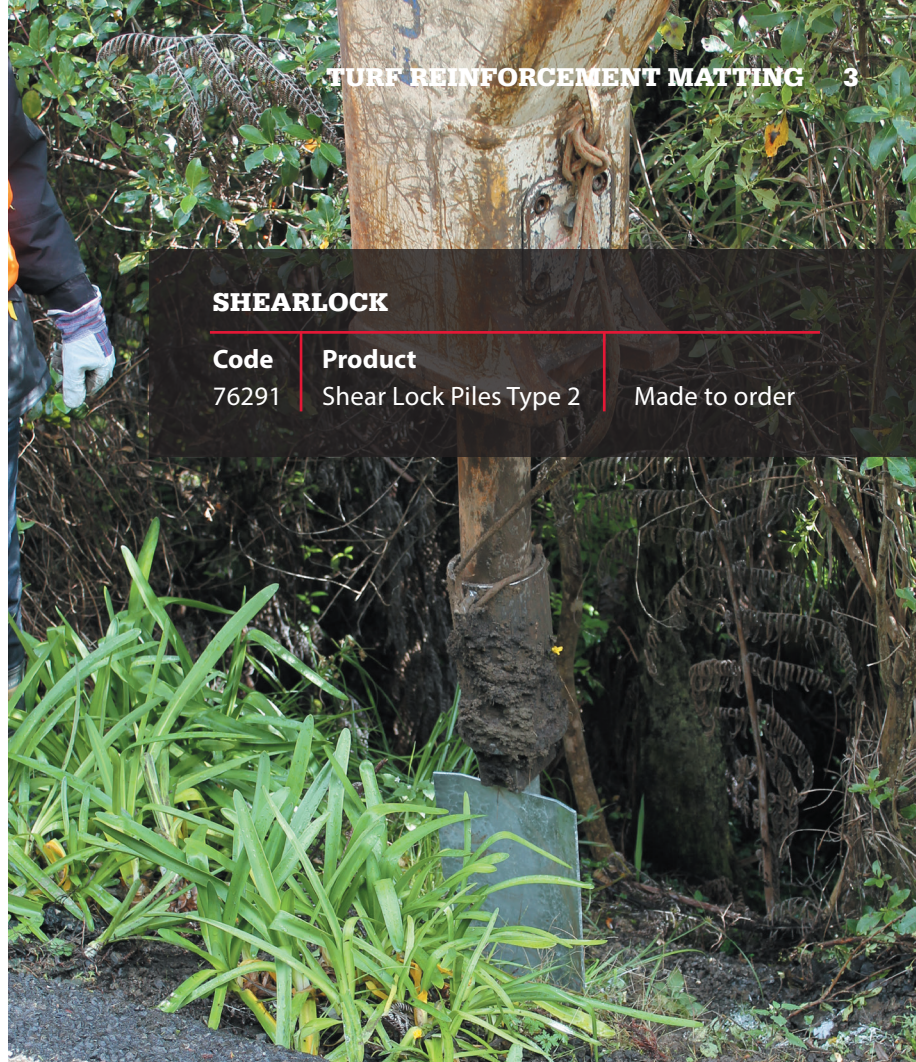
The Shear Lock system is also commonly used when tension cracking or slumping is detected to reinforce the slope and prevent further damage.

### FEATURES >

- ✓ Prevents costly and time consuming cartage of slip material away from the site
- ✓ Fast design and execution due to extensive research of typical designs
- ✓ Can be engineered to meet specific site conditions
- ✓ Uses readily available and pre-certified Shear Lock piles which are used as the basis for the Shear Lock design charts
- ✓ Backed up by extensive engineering research and computer modelling
- ✓ Can be used for repairing existing failures or stabilising known potential slides







### SHEARLOCK

Code	Product	
76291	Shear Lock Piles Type 2	Made to order



TO ORDER CALL US ON  
0800 CIRTEX (247 839)



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