

COBBER™ STAPLE GUN SERIES 2

Introducing the **COBBER™ Staple Gun Series 2**. Constructed of the lightest weight materials, including 5005 aluminium body, stainless steel drive shaft, Susta-glide moly filled dry lube casing, and for low maintenance the **COBBER™ Staple Gun** has monomer cast bushes.

The **COBBER™ Staple Gun Series 2** has been designed for excellent performance on sites up to 45° degrees gradient, to accommodate this the handle is fully adjustable and can rotate to 90° degrees.

COBBER™ Features

PSI TECHNOLOGY (POSITIVE STAPLE INSERTION)

The Patented PSI Technology is the much anticipated anti-jamming device developed by the **COBBER™** International Team. This technology resolves the problems of multiple staples jamming in the gun, eliminating poor performance, and site problems experienced by other staple guns throughout the industry.

EASY GLIDE SYSTEM

The **COBBER™** patented Easy Glide system allows high performance with no field maintenance. Weighing under 5.5 kgs the **COBBER™** is the lightest, fastest and most reliable fastening system available.

COBBER STAPLES

COBBER™ international delivers the complete package with staples being manufactured & designed specifically for the **COBBER™** staple gun.

COBBER™ Benefits

LIGHT WEIGHT

The **COBBER™** weighs in under 5.5 kgs making it easy to hold, easy to manoeuvre, and supporting OH & S.

PERFORMANCE & ACCURACY

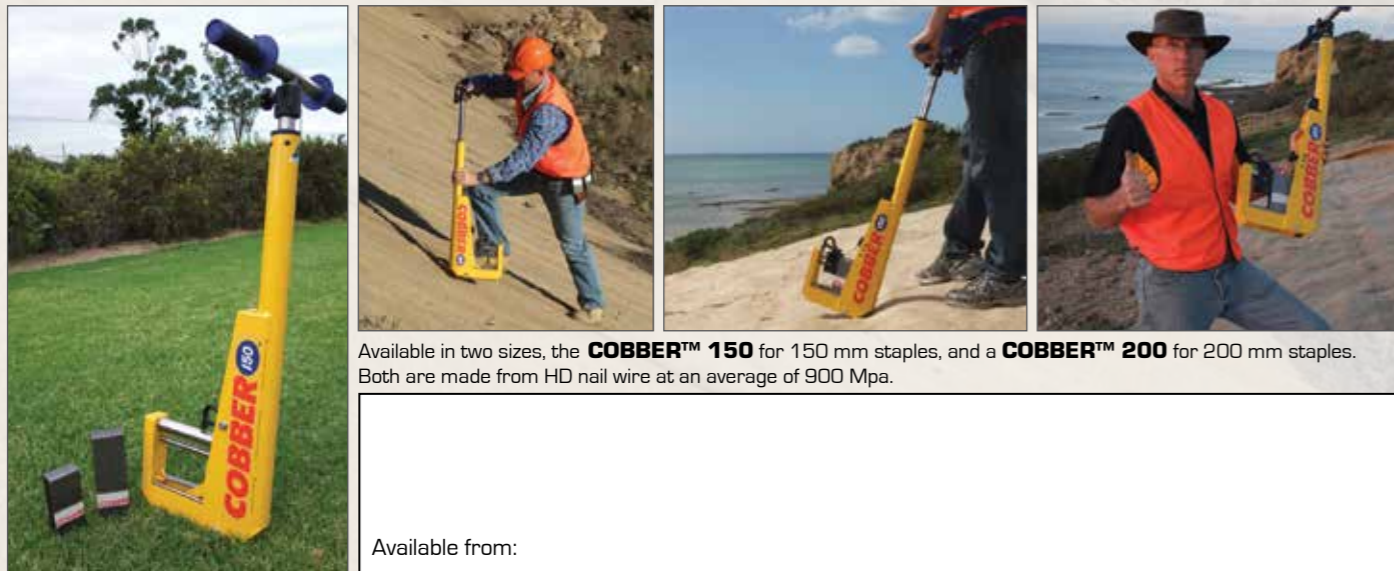
The **COBBER™** can deliver a staggering 3300 staples per hour with accuracy on varying gradients.

LESS DOWN TIME & INSTANT STAPLE REMOVAL

The **COBBER™** Staple Gun series 2, has a quick release opening carriage for easy site inspection

SAFE TO OPERATE

The **COBBER™** is so light and easy to operate, reducing stress and fatigue compared to other industry models.



www.thecobber.com.au



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Geosynthetics News

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TERRAVALT

Trees thrive best surrounded by loose, aerated, moist and uncompacted soil. Compaction of soil around tree roots is a major problem, leading to reduced growth and causing pavement damage. The traditional approach has been to use "structural soil", a mixture of large 70mm aggregate and horticultural soil to provide both support and nutrients for the tree. But this provides only very limited (20%) soil for growth.

New Terravault provides structural support around tree plantings and replaces the need for structural soil, allowing increased volume (95%) of uncompacted horticultural soil – providing the perfect environment for healthy root growth. Terravault has a high load-bearing capacity and is made from

recycled PP, manufactured to ISO9001 and Green Label certified. In 2014 at the "Green Chemical Futures" project and again in 2017 at the Monash Transport Interchange project at Monash Uni, Terravault has proven the best, low-cost solution, providing savings of 50% over competitor systems.

Inside:

TERRAVALT

Geomembrane Moisture Barrier Stops Roadway Shrinkage Cracking

DENSO Highway Maintenance Products

COBBER Staple Gun Series 2



Terravault installed at Monash Transport Interchange, ready to be filled with soil



Terravault installed with soil and covered with paving

And now **NEW Terravault 2** provides even greater crush strength (>85 tonne/sqm) for use under heavily loaded areas



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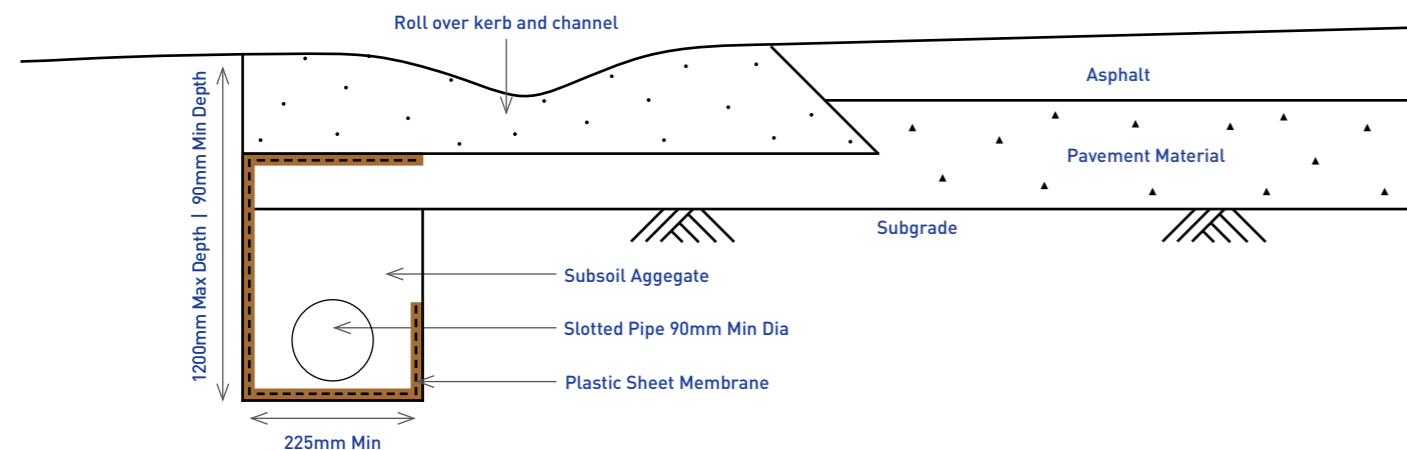
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Geomembrane Moisture Barrier Stops Roadway Shrinkage Cracking

Field performance over a 20 year period has proven that flexible geomembrane moisture barriers are the best way to stop roadway cracking in areas with reactive clay subgrades. The problem of roadway cracking caused by expansive reactive clay subgrades is well known. This problem can actually be exacerbated by construction of conventional sub-soil drains, which drain water from pavements but also allow the surrounding subgrade to dry out, causing cracking which propagates to the road surface, typically exhibiting as a longitudinal crack within 1m from the roadway edge.

In 1995 a number of treatments were trialed in new subdivisional roads in New Gisbourne, 50 km north of Melbourne*. After 20 years, the best performing sections were those that had a simple flexible geomembrane barrier

installed in a reversed "J" shape around the perimeter of the sub-soil drain, see attached pics. Southern Geosynthetics supply Cipatex 0.75mm PVC membrane, which is a tough, flexible, low-cost liner ideal for use in this application.



*"Controlling shrinkage cracking from expansive clay sub-grades", 1995 W.S.Alexander & J.Maxwell

DENSO Highway Maintenance Products

DENSOBAND

A polymer modified bitumen strip with a disposable interleaving for sealing joints in hot asphalt and wearing courses to asphalt, concrete or road castings in road repair or construction. Its flexible properties make it particularly suitable as a seal on bridge and flyover expansion joints.

It is also used for airport runway repairs and light railway/tram system repair or construction where it forms a flexible seal between the track and the surrounding asphalt.

Densoband forms a flexible watertight seal which allows for road movement from traffic load and thermal changes thereby preventing cracking and the subsequent erosion of the joint by weathering and pollution.



PRODUCT DATA
Size 8mm x 45mm • Roll Length 12m • Packaging 3 rolls/box

OVERBANDING TAPE

A polymer modified bituminous sealing membrane for use as an instant waterproofing adhesive seal over cracks or failed reinstatement joints (up to 5mm wide) on road pavements on secondary roads.

The application of the tape prevents the ingress of water which causes cracking and severe fretting leading to the eventual breakdown of the asphalt pavement.

The skid resistance can be increased by covering the tape with granite dust to a maximum size of 3mm with a polished stone value similar to the existing road surface.



PRODUCT DATA
Temperature range for application 8 - 45°C
Thickness 2mm • Roll Size 40mm x 10mm • Packaging 20 rolls/box