

# ELCOSEAL® Spreader Bar Assembly - Safe Usage

Sequence of Basic Job Steps	Hazards	Controls/Recommended Safe Work Procedure
1. Brief all personnel H & S Issues.	Not wearing PPE for task. Incorrect procedures being followed	Wear HI VIS vest, hard hat, safety boots, safety glasses, long trousers at all times.
2. Ensure all the lifting equipment is in sound order and the chains are not twisted, are of equal length and spacing on the spreader beam.	Uneven lifting of the roll.	Ensure chains are free and equal.
3. Grease Pole with WD40 or similar.	Careful handling of Pole-Greasy.	Personnel to wear gloves with extra grip.
4. Insert Pole manually into central core of ELCOSEAL® roll.	Don't look down core from the other end. Do not use machinery to force roll through the core.	Keep away until pole protrudes.
5. Shackle spreader bar assembly onto machine	Incorrectly attached to machine.	Check shackles before lifting.
6. Position spreader beam over, or preferably grounded/alongside the roll to be lifted.	Wind or machine movement causing the suspended frame to swing around uncontrollably.	If roll needs to be suspended, then ensure stability using guide ropes, or by hand guidance.
7. Attach end collars onto pole and tighten locking nuts.	Not (adequately) tightening locking nuts.	Check nuts.
8. Check Chain attachment position (eyelet) on frame to ensure chains hang vertically when roll is suspended.	Chains angle outward (at top of chain), tending to pull collars off the end of the pole.	Check each roll as core widths (and hence position of the collar) may vary slightly from roll to roll.
9. Raise machine arm.	Lifting too fast/tangle chains.	Raise in controlled manner with no personnel to go under lifted roll
	Uncontrolled Dispensing of panel	Do not cut roll tape (around roll diameter) and start dispensing until roll is in position and grounded or in a stable position over level ground.
10. Move roll into start position	Roll/frame jerking and swinging - knocking someone over.	Keep personnel clear, or use guide ropes so personnel can minimise roll swinging without standing beneath or near the suspended roll.
11. Place roll into position.	Lowering onto personnel.	Roll must be positioned and grounded.
12. Unroll at no faster than walking pace.	Sliding of dispensed material across the subgrade and 'up-ending' personnel following behind on dispensed material	
13. Once roll is empty, remove pole from core manually after detaching the spreader bar from the excavator/machine.	Removing pole with machine	Manual operation only.

## Notes:

1. Geofabrics Australasia Pty Ltd accept no responsibility for the inappropriate use of the Spreader Bar Assembly.
2. It is the responsibility of those using the equipment to ensure the Spreader Bar Assembly set-up is safe and that equipment is in sound working order.
3. The Spreader Bar Assemblies provided by Geofabrics Australasia Pty Ltd (with the original/unmodified components) have a safe working capacity of 1000kg.
4. If you are unsure about the safe usage of the Spreader Bar Assembly please contact your nearest branch of Geofabrics Australasia Pty Ltd or consult a suitably qualified/certified OH&S person.

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**MELBOURNE**  
(03) 8586 9111  
Fax: (03) 8586 9186

**SYDNEY**  
(02) 9821 3277  
Fax: (02) 9821 3670

**NEWCASTLE**  
(02) 4950 5845  
Fax: (02) 4950 5895

**COFFS HARBOUR**  
(02) 6653 5706  
Fax: (02) 6653 5706

**PERTH**  
(08) 9249 5411  
Fax: (08) 9249 5447

**ADELAIDE**  
(08) 8162 5855  
Fax: (08) 8162 5755

**HOBART**  
(03) 6273 0511  
Fax: (03) 6273 0686

**BRISBANE**  
(07) 3279 1588  
Fax: (07) 3279 1589

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(07) 4774 8222  
Fax: (07) 4774 8655

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(07) 4155 9968  
Fax: (07) 4155 9968

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(07) 5594 8600  
Fax: (07) 5563 3727

**DARWIN**  
(08) 8984 1600  
Fax: (08) 8984 1614

**GEOFABRICS.COM.AU**

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