



# Armorwire Cable Barriers

Installation	Y/N	Y/N
<p><b>Test Level 3 - 3 Cable Barrier</b></p> <p>Ground is level.            The plastic socket is correctly positioned and a rebar ring is positioned 100mm down from the top.            If installed near a steep slope, at least 1000mm of supporting soil is outside the line of the posts.            Spacing between the posts are as per the construction drawings.            Posts are installed with slot orientation consistent for the entire length of the barrier.            Top cable is positioned in the top slot while the bottom 2 cables sit at the bottom of the slots on either side of the post.            An 'o' ring seal is positioned on all posts at the top of the socket.            All posts have a plastic cap inserted in the top pushed hard home. (Make sure each cap sleeve is on the outside of the bottom cables).            Cable heights, 530mm, 650mm and 770mm. (+ or - 30mm)            Each of the 3 cables has been tensioned correctly.</p>		
<p><b>Test Level 4 - 4 Cable Barrier</b></p> <p>Ground is level.            The plastic socket is correctly positioned and a rebar ring is positioned 100mm down from the top.            If installed near a steep slope, at least 1000mm of supporting soil is outside the line of the posts.            Spacing between the posts are as per the construction drawings.            Posts are installed with slot orientation consistent for the entire length of the barrier.            Top 2 cables are positioned in the top slot while the bottom 2 cables sit at the bottom of the slots on either side of the post.            An 'o' ring seal is positioned on all posts at the top of the socket.            All posts have a plastic cap inserted in the top pushed hard home. (Make sure each cap sleeve is on the outside of the bottom cables).            Cable heights, 530mm, 650mm, 770mm and 790mm. (+ or - 30mm)            Each of the 4 cables has been tensioned correctly.</p>		
<p><b>Intermediate anchors</b></p> <p>Minimum of 300mm gap between cable barriers when overlapping.            The correct distance is met overlapping (for the A.T.E it is necessary for the LoN's to line up, i.e. 16m total cable overlap).</p>		

Location:			
Installed by:		Date:	
Inspected by:		Date:	

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**Ph 0800 655 200** or visit **www.csppacific.co.nz**



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Repair and maintenance	Y/N	Y/N
<p><b>AVOID CUTTING CABLES THAT ARE UNDER TENSION</b></p> <p>Release tension in a controlled manner using the strong backs.</p> <p>Clear area when cutting the cables and <u>always</u> use a cutting wheel.</p>		
<p><b>Maintenance</b></p> <p>Check the tension of the cable barrier annually using a tension machine or a tension measuring device (details on this procedure are in the 'Tension' section of this manual under 'System design').</p>		
<p><b>Repair</b></p> <p>Remove and discard all damaged posts, caps and 'o' rings.</p> <p>Place new posts into sockets with new 'o' rings (making sure that the post slot orientation pattern is maintained).</p> <p>Reinstate Cables:</p> <p><b>TL3</b> - Top cable is positioned in the top slot while the bottom 2 cables sit at the bottom of the slots on either side of the post.</p> <p><b>TL4</b> - Top 2 cables are positioned in the top slot while the bottom 2 cables sit at the bottom of the slots on either side of the post. Insert a plastic cap in the top of the post and push hard home (make sure each cap sleeve is on the outside of the bottom cables).</p> <p>Reflectors replaced in accordance with local authority guidelines.</p> <p>Tensioning should be checked if impact was near the terminal end</p>		
<p><b>Emergency access</b></p> <p>Remove 20-40 posts caps spanning the desired access area.</p> <p>Lift all cables out of the post slots.</p> <p>Remove posts and stack in a safe area. When a sufficient amount of posts have been removed the cables will lie on the ground and allow vehicles to ride over (dependant on post spacing, temperature and curvature).</p> <p>Reinstate all components as per steps above in the 'Repair' section.</p>		

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