Linear COMPOSITES

**Linear Composites Limited** Vale Mills Oakworth Keighley West Yorkshire BD22 0EB England
**Tel:** +44 (0)1535 643363 **Fax:** +44 (0)1535 643605 **E-mail:** mail@linearcomposites.com
Tax point = date of invoice VAT Registration No GB 516 2837 46

# INSTALLATION OF TYPE 50 AND TYPE 5 FENCES FROM PARAWEB BY THE 'CHANNEL-CLAMP METHOD'

This technique provides a very positive method of fixing PARAWEB fence panels.

## Channel-Clamp

The clamp consists of a channel section and a square hollow section bar. The bar is slightly smaller than the internal width of the channel sufficient to trap the PARAWEB between the two.

The channel and the hollow section bar are drilled to allow bolts to be passed through both pieces.

These bolts serve to:-

(a) Hold the square bar centrally within the channel.
(b) Fasten the fence panel to a post or structure.
(c) Enable tension to be applied to the fence.

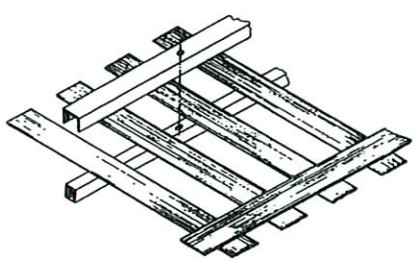
The method is particularly suitable for:-

1. Fixing PARAWEB fences to metal posts as an alternative to using Types 4 or 40 fences. (Types 4 and 40 fences have looped ends for fitting over posts and for applying tension by means of a circular tube passed through the other looped end).

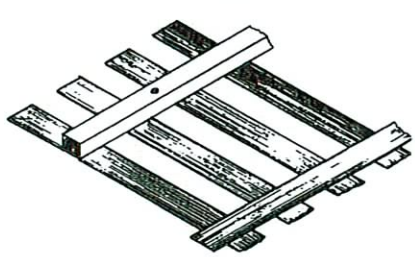
   Exact on site end post spacing becomes less critical since the 'Channel-clamp' method of fixing permits easy adjustment of the fence length to suit posts already sited.
2. Structures which may have to be moved and re-erected. Eg. Snow fences, which if placed on agricultural land in winter may have to be removed in the spring.
3. Attachment to tubular metal frame structures, such as Shade Halls or 'A' frames, when it is undesirable to drill holes into the metal frame.

## Fitting the Clamp

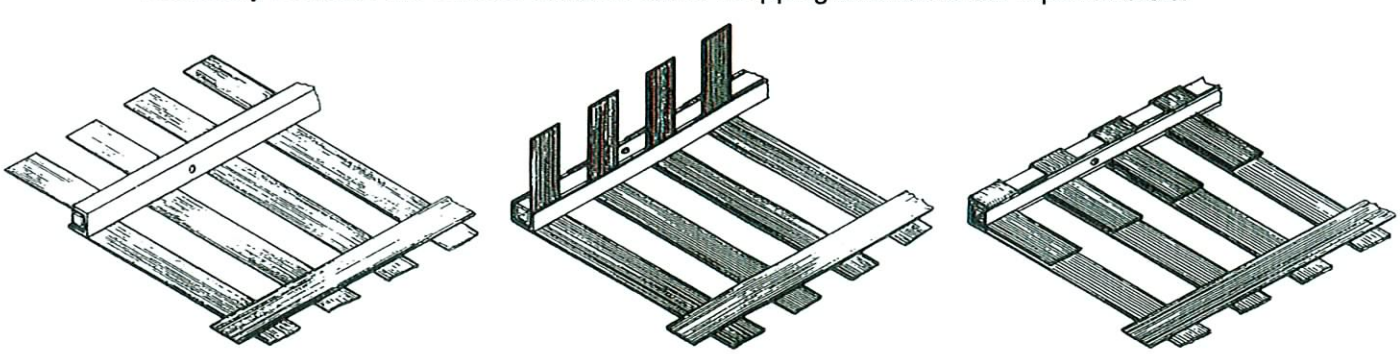
1. Place the square section bar under the fence panel ensuring that it is at right angles to the longitudinal webs and parallel to the cross members of the structure. Place the channel section over the longitudinal webs above the square bar and ensure that the holes for the fixing bolts are in line (use a rod or bolt).



2. Press down on the channel section until it is firmly bedded onto the bar, trapping the longitudinal webs between the two parts of the clamp. The rod or bolt may then be removed.

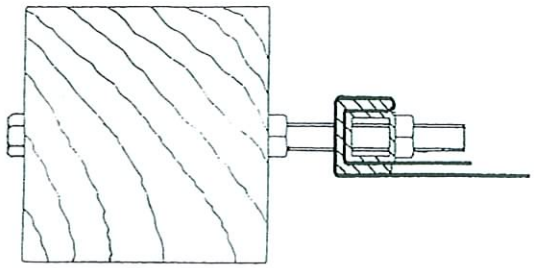


3. Turn the jointed clamp in the direction of the main fence panel as shown. Ensure that the open end of the channel faces down the direction of the fence panel. The diagram shows the minimum necessary to ensure the fence is secure. Further wrapping around the bar is permissible.

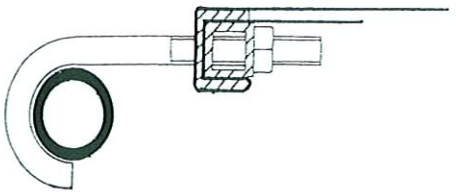


4. The PARAWEB fence is now ready to be attached to the post or structure using suitable tension bolts.

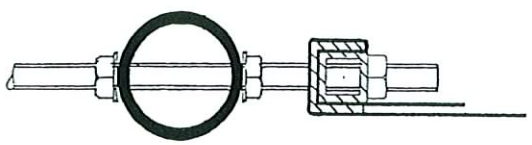
## EXAMPLES OF INSTALLATIONS



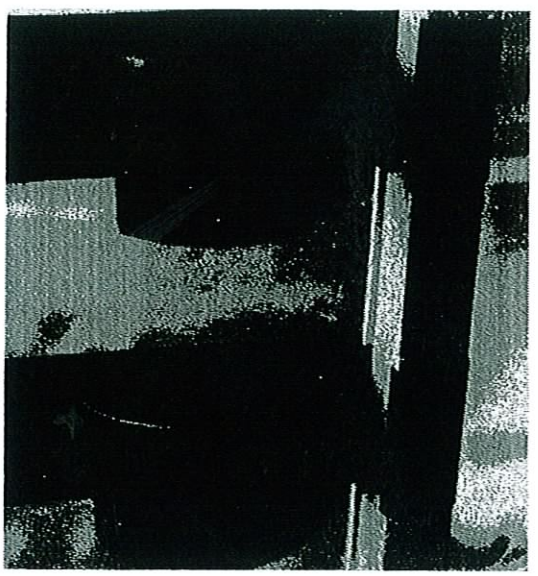
Fence fixed to wooden post by long bolt.



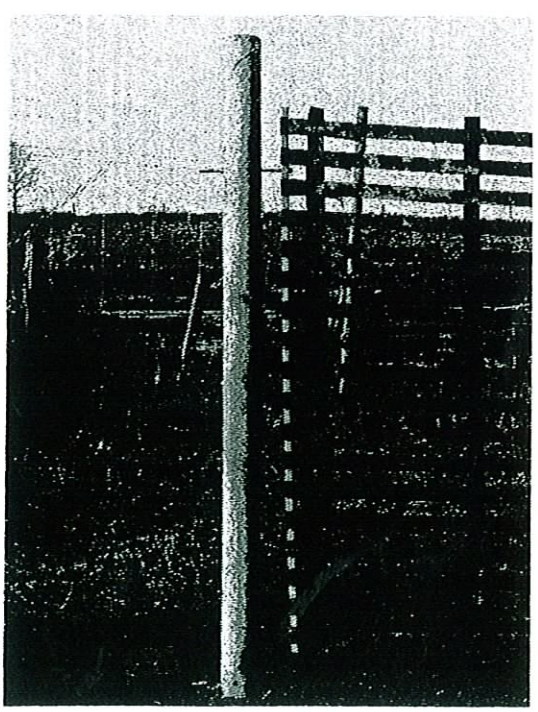
Fence structure attached to steel tube by 'J' bolt, as in the case of a Shade Hall, when it is undesirable to drill the steel framework.



Threaded bar passing through steel post which may be used to attach and tension two fence panels.



Close up of fence secured by 'Channel-clamp'.



Type 5 Snow fence secured to wooden post by 'Channel-clamp' method.

Roof structure of Shade Hall constructed using the 'Channel-clamp' method and attached to the steel frame by 'Kee-clamps'.