




Balustrading Assembly Styles

There are various fittings (and combinations of fittings) used for balustrading with the most common shown below. The preferred wire size used is 3.2mm (1/8"). Strands are normally spaced a maximum 100mm apart but this may be subject to council requirements and should be checked before proceeding.

HAND SWAGED

Supplied as components, requires a hand swager and wire rope cutter for assembly. Requires eye bolts or saddles to secure to metal posts, saddles or screw eyes for wooden posts. 7x7 (semi-flexible) wire is used.

1. 
saddle - jaw/jaw bottlescrew - thimble - swage - 7x7 wire - swage - thimble - saddle
2. 
saddle - eye/eye turnbuckle - thimble - swage - 7x7 wire - swage - thimble - saddle
3. 
eye bolt- jaw/jaw bottlescrew - thimble - rope grip - 7x7 wire - rope grip - thimble - eye bolt

HYDRAULICALLY SWAGED

Supplied completed to size, only requires attaching to posts. Style 4 requires eye bolts or saddles to secure to metal posts, saddles or screw eyes for wooden posts. Style 5 goes right through end posts and requires no additional attachments. 7x7 (semi-flexible) or 1x19 (rigid) wire is used. 8mm holes are required in through posts.

4. 
eye bolt - jaw/swage bottlescrew - 7x7 or 1x19 wire - fork terminal - eye bolt
5. 
tensioner - swage stud - 7x7 or 1x19 wire - pan terminal

Some common fittings

