

Qmax INSTALLATION RADIUS

All sizes of Qmax channel are certified as watertight when installed in a straight installation (EN 1433).

The straight channels can however be installed to create a shallow, faceted curve that will leave a small gap at the join of the edge rails on each channel (gap every 2m).

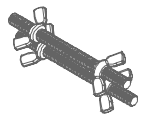
The minimum radius ACO would recommend installing them is 25m - to the centre point of the channel. However, any curvature installation cannot be guaranteed watertight due to uneven pressure on the seals. This is for all sizes of Qmax channel.

For reference, the gaps between the edge rails at a radius of 25m is shown to the right. *(This data is for reference only and can vary with manufacturing and installation tolerances)*

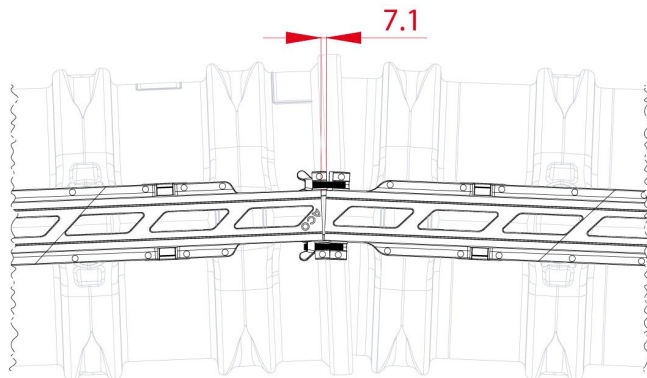
Edge Rail Gap at 25m Radius			
Composite Edge Rail Q-Flow & Q-Guard	Cast Iron Edge Rail Q-Flow & Q-Guard	STEEL Edge Rail Q-Flow	STEEL Edge Rail Q-Guard
7.1mm	5.4mm	7.3mm	4.4mm

It is recommended that the connecting bolts are left in place when applying the desired angle to help maintain alignment. The nuts can be loosely tightened to stop the bolts from working free.

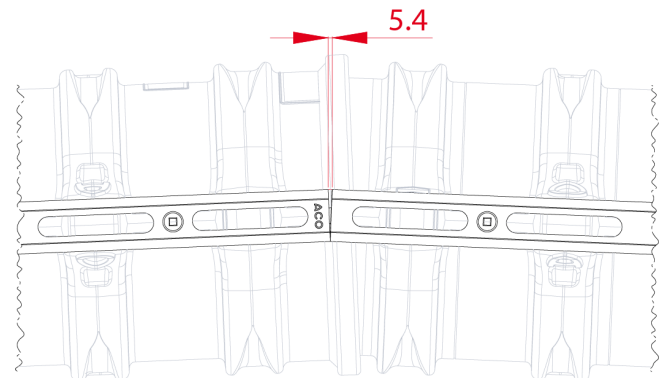
This applies to the HDPE body connecting bolts of Qmax 550, 700 and 900 and the edge rail connecting bolts of



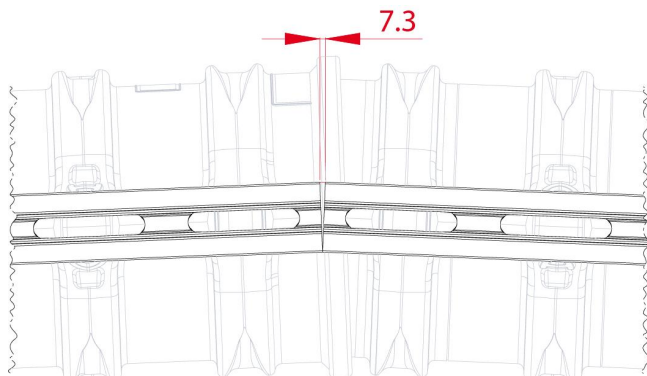
Composite Edge Rail
- Q-Flow & Q-Guard -



Cast Iron Edge Rail
- Q-Flow & Q-Guard -



Steel Edge Rail
- Q-Flow -



Steel Edge Rail
- Q-Guard -

