

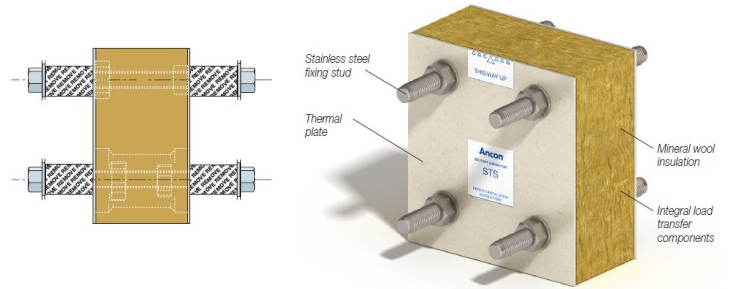
## Installation Guide

# Ancon SSTS/STS Steel-to-Steel Balcony Connector

Ancon SSTS/STS balcony connectors are supplied in single units with thermal plates attached to both inner and outer faces. These plates should not be removed. The assembly features all necessary steel fixings.

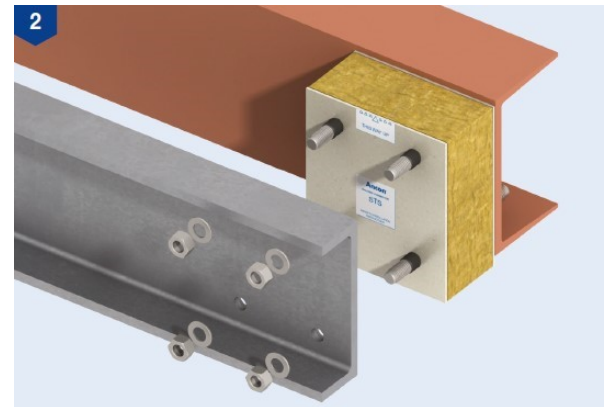
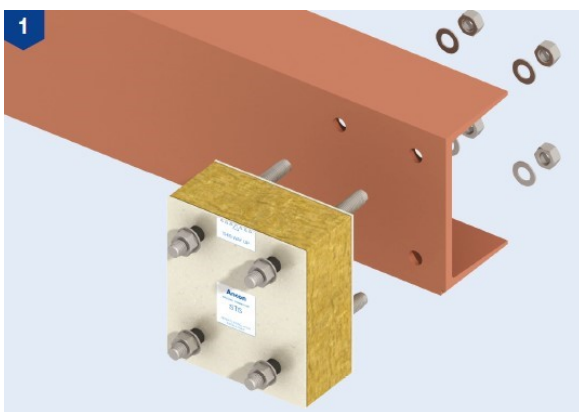
Care should be taken to avoid damaging any balcony connector components prior to and during installation.

It is essential that the connector is orientated and installed correctly.



### Pre-installation Checks

Prior to installation of the connector, it is important to check the product dimensions against the engineer's drawings, specifically ensuring the mating parts match the connector stud centres.



The SSTS/STS Balcony Connector should be orientated so that the label indicating the uppermost face is correctly positioned and is facing out of the building.

Position the connector close to where it is to be installed. Ensure the connector is stable and not likely to fall. Carefully remove the nuts and washers from the studs on the inner face. Keep the steel nuts and steel washers close to hand. All non-metallic packing around the fixings should be discarded at this point, leaving the heat-shrunk isolation material on the stainless steel stud. Carefully lift and fit the exposed studs through the appropriate holes in the building structure. Do not force the connector into position. Re-fit the steel washers and steel nuts. Once the connector is fully aligned with the structure, torque up the nuts with a calibrated torque wrench and suitable socket, referencing the table below.

Once all connectors are correctly positioned and fitted to the building structure, the balcony beams can be installed.

Remove the nuts and washers from the outer face of the connector and keep close to hand. Discard all non-metallic packing around the fixings to expose the heat-shrunk isolation on the stud.

Carefully lift the balcony fabrication, ensuring the balcony is horizontal. Align the balcony and carefully push over the exposed studs. Do not force it into position.

When positioned, re-fit the steel washers and steel nuts.

Once the balcony is fully aligned with the connector and structure, tighten the nuts to the correct torque. Remove all lifting straps.

*Contact us immediately if you have any questions regarding correct installation.*

Scan the code to watch an installation video.



Connector	SSTS/STS 16A	SSTS/STS 20A	SSTS/STS 24A
Wrench Size (A/F)	24	30	36
Torque	148	288	498

**Health & Safety:** SSTS/STS cast-in anchorage assemblies and brackets are intended solely for the connection of balconies and should under no circumstances be used for other purposes such as the temporary support or restraint of scaffolding and access platforms; such intended use could result in accidental failure leading to injuries or death.

The Construction applications and details provided in this guide are indicative only. In every case installation should be entrusted to appropriately qualified and experienced persons. Normal handling precautions should be taken to avoid physical injury. The company cannot be held responsible for any injury as a result of using our products, unless such injury arises as a result of our negligence.

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