

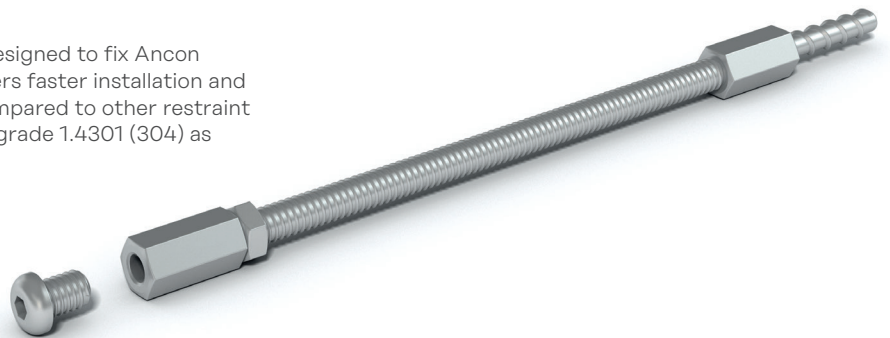
Ancon®

Ancon CFS+

Stainless steel concrete fixing screw specifically developed for use with the Ancon 25/14 Restraint System

Product Description

Ancon CFS+ is a heavy-duty concrete screw designed to fix Ancon 25/14 channel back to a concrete frame. It offers faster installation and superior pull-out and thermal performance compared to other restraint system fixings. The Ancon CFS+ is available in grade 1.4301 (304) as standard or 1.4401 (316) on request.



Product Features

- Excellent pull-out resistance even in cracked concrete
- All components grade 1.4301 or 1.4401
- Design performance guaranteed for 60 years in normal environmental conditions
- Quicker, simplified installation – Ancon Compression Sleeves not required
- Low thermal transmittance
- Capable of fixing into particularly strong concrete (up to C50/60)
- Concrete screw end is fire rated to 120 minutes and carries a UKTA/ ETA and C1 seismic approval (load capacity in fire and seismic applications is reduced – contact us for further information)
- Shallow embedment depth as standard

Technical Data

CFS+ length	To suit insulation thickness 50 – 270mm
CFS+ Ø	M6 / M8*
Drill hole Ø (mm)**	6
Drill hole depth (mm)**	55
Nominal embedment (mm)	45
Min. edge distance (mm)	45
Min. spacing (mm)	90
Min. concrete thickness (mm)	80
Max. installation torque (Nm)	160
Permissible tensile load (kN)***	1.19
Compression sleeve required	No

* Concrete screw end / threaded shank.

** Holes should be drilled with PGM approved SDS drill bit.

*** Based on CFS+ installed in C20/25 cracked concrete. Partial safety factors of $\lambda_M=1.5$ (material) and $\lambda_F=1.4$ (load) assumed. Load valid for minimum edge distance and spacing shown.

Further information on the Ancon CFS+ and 25/14 Restraint System can be found in our brochure and installation guide.