

TERRASMART RAIL

CONSTRUCTING STEPS

Assembly and Sequencing Guide



COMPONENTS

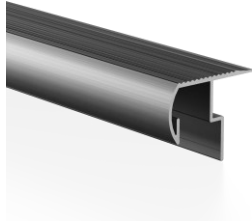
**VJC Vertical Joist
Connector**



DS Aluminium Joist



**RSN Rail Stair Nosing
Profile**



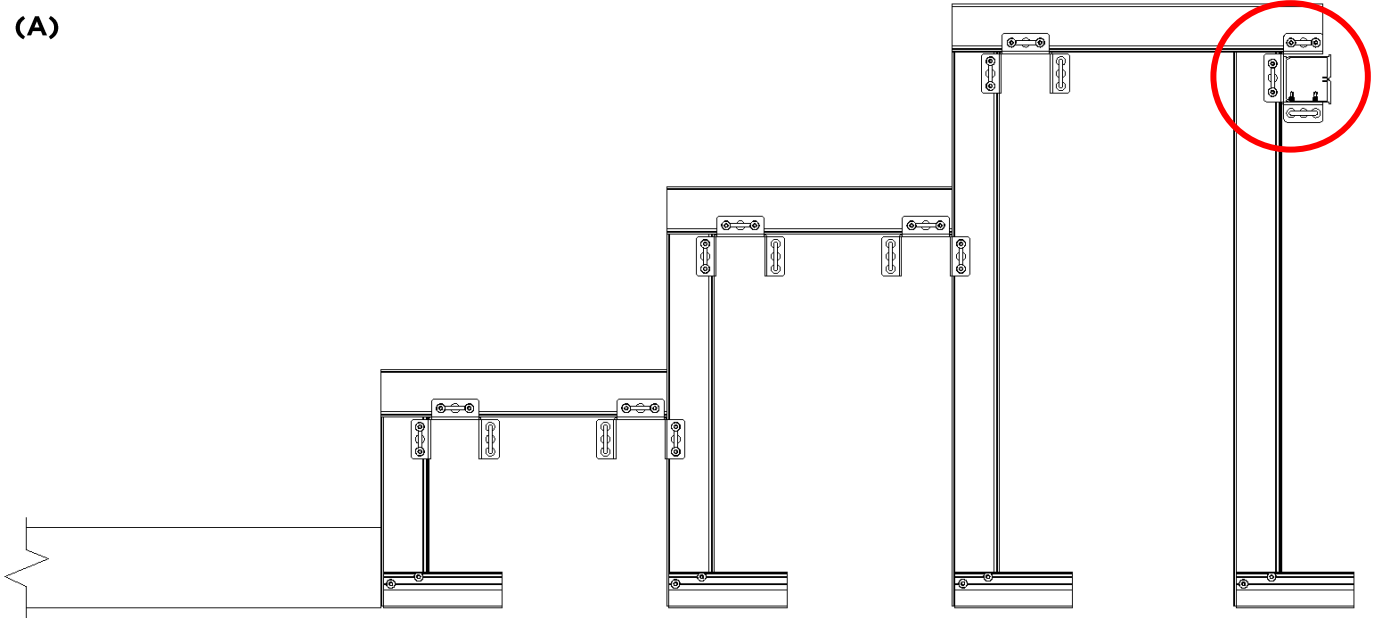
ADC Cleat



INSTALLATION GUIDANCE

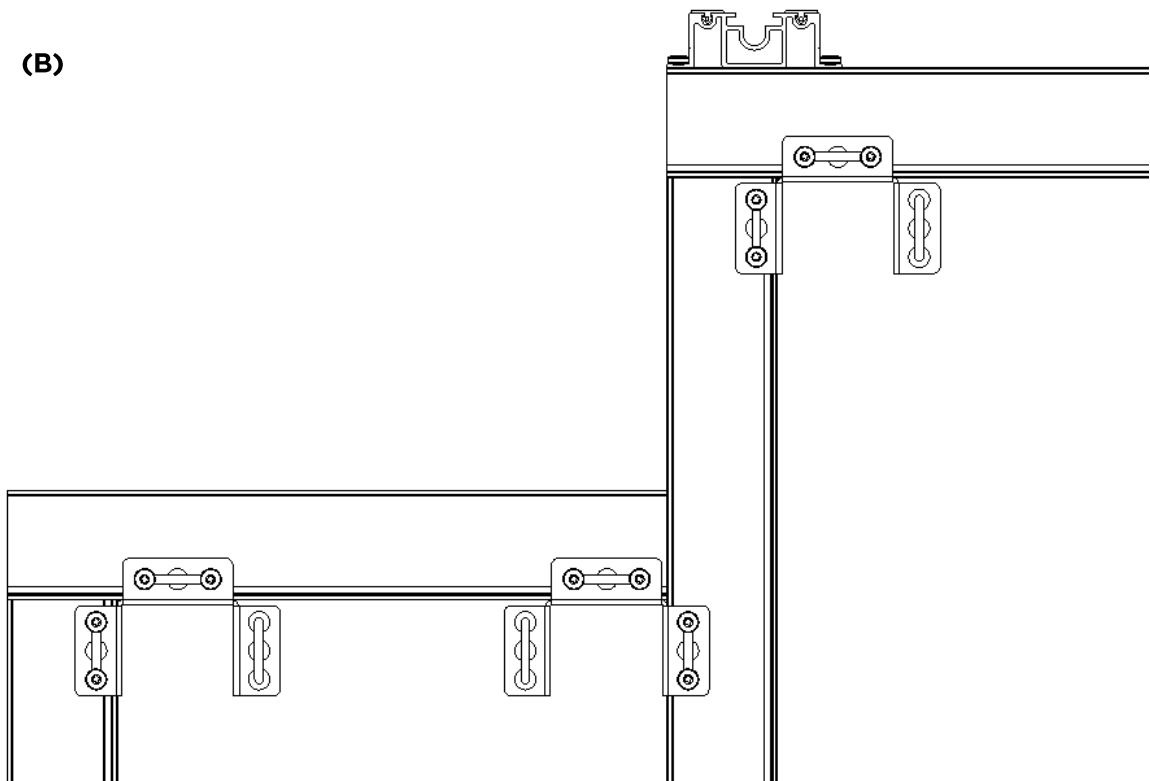
- 1) Construct substructure of stairs as shown in **Fig A**, with vertical DS Joists extending to the base and located in an ADC Cleat at each step.
 - a) Use VJC brackets where rigidity is required, e.g. for steps. These can be reinforced by inserting and fixing the DS50 Joist inside the 'C' (circled).

(A)



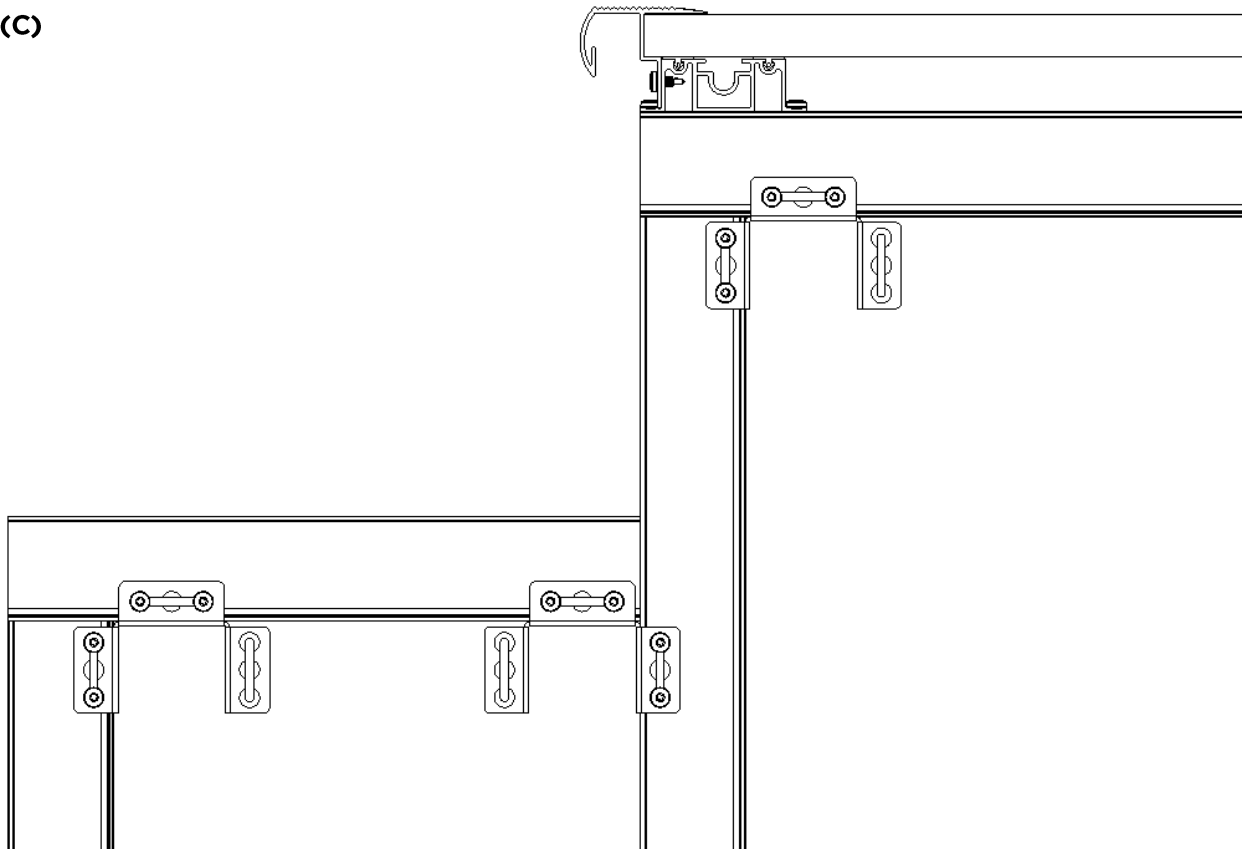
- 2) Affix the RST27 at the front edge of the top step. **Fig B**.

(B)



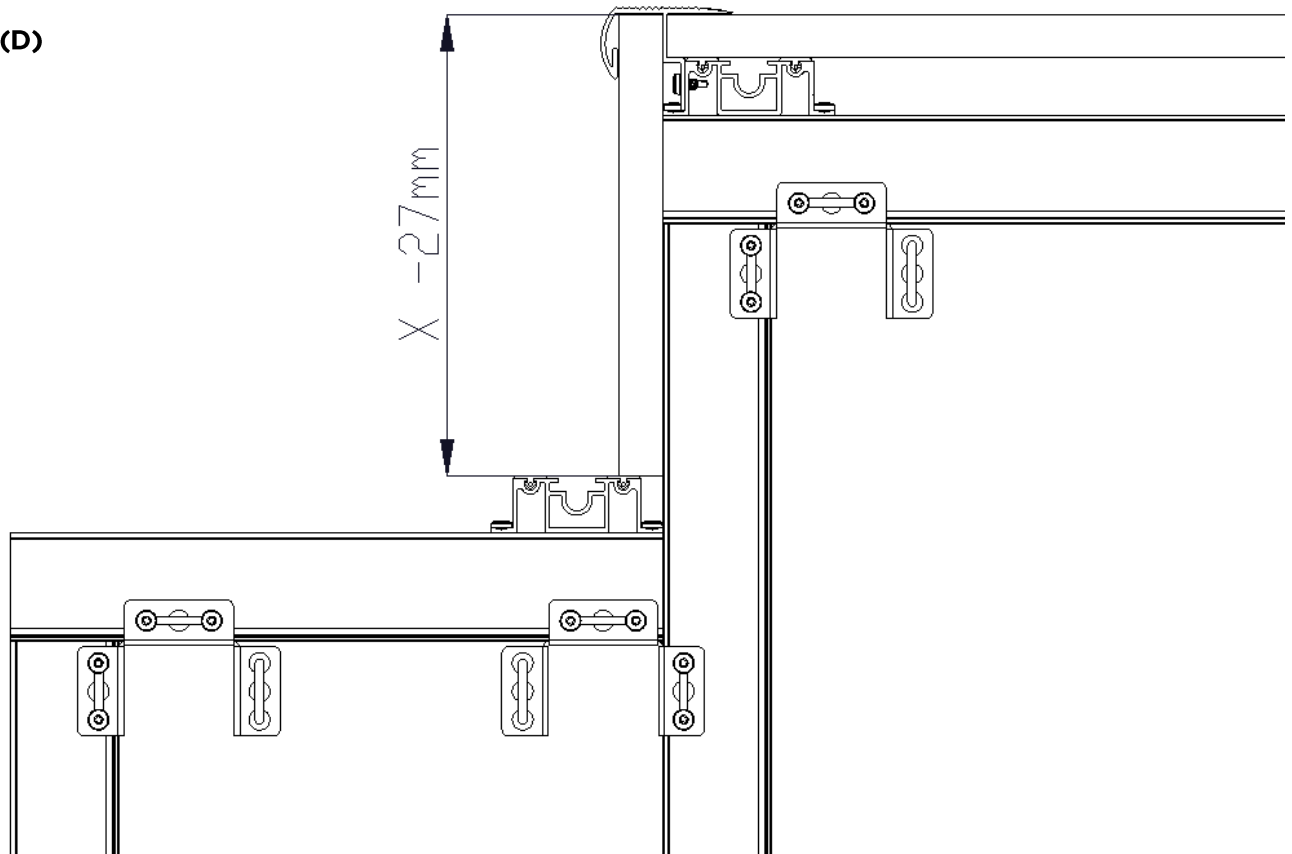
- 3) Affix the Stair Nosing Profile to the RST27 at the top step, slotting the top surface tile in as shown. **Fig C.**

(C)



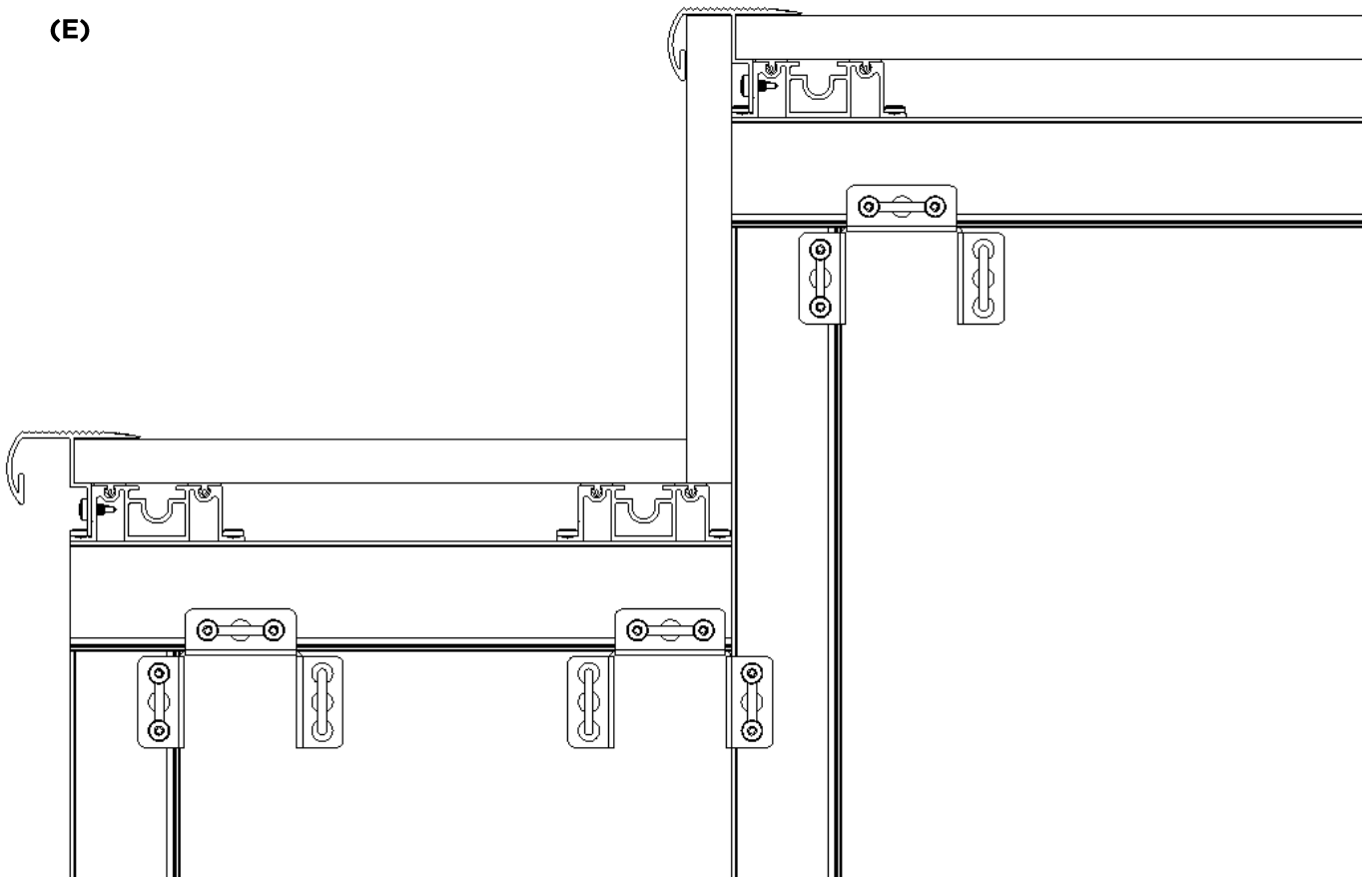
- 4) For the riser; Measure total height between the top of the step primary joist and deduct 27mm off for the final riser tile height. Place the cut tile into the Stair Nosing Profile from below, lifting and then placing the next step RST27 Top Rail underneath. Fix down to the primary substructure through the available fixing flange using 13mm pan head screws. **Fig D.**

(D)



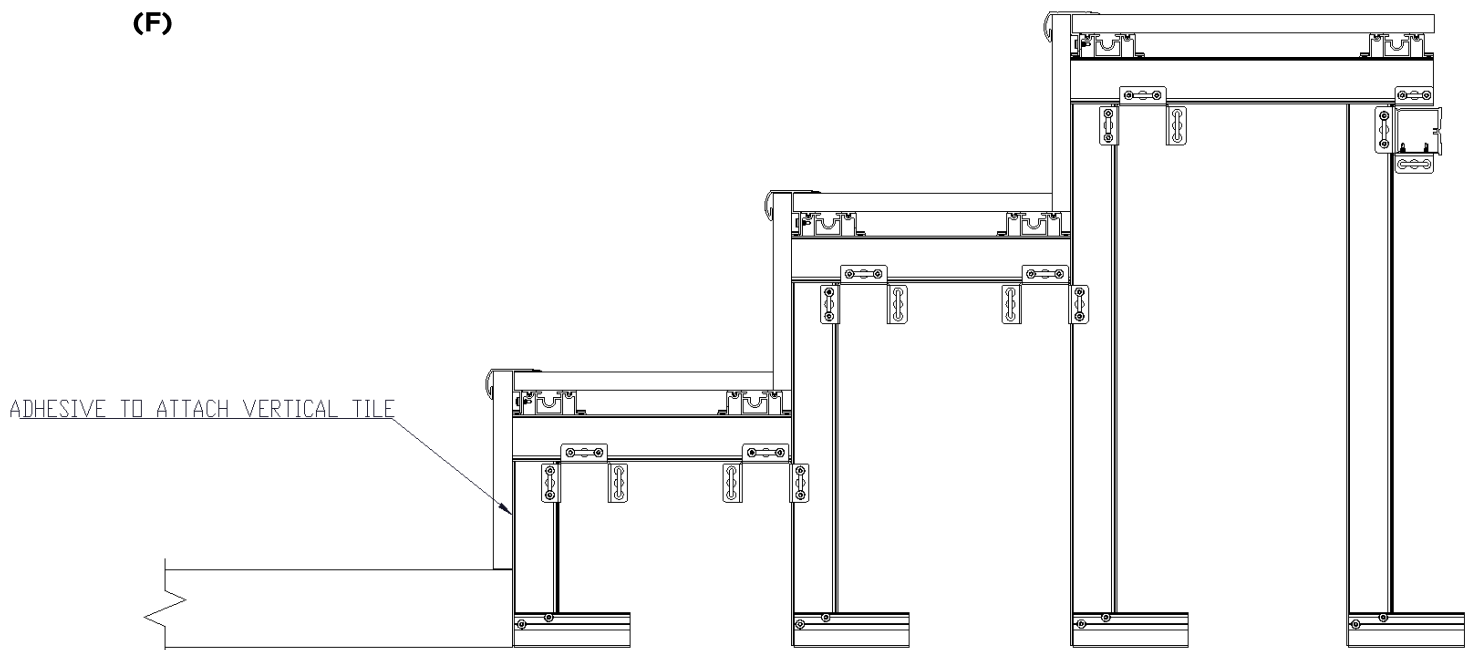
5) Install the RST27 on the front edge of the step and repeat steps 3-5) until the bottom step riser. **Fig E.**

(E)

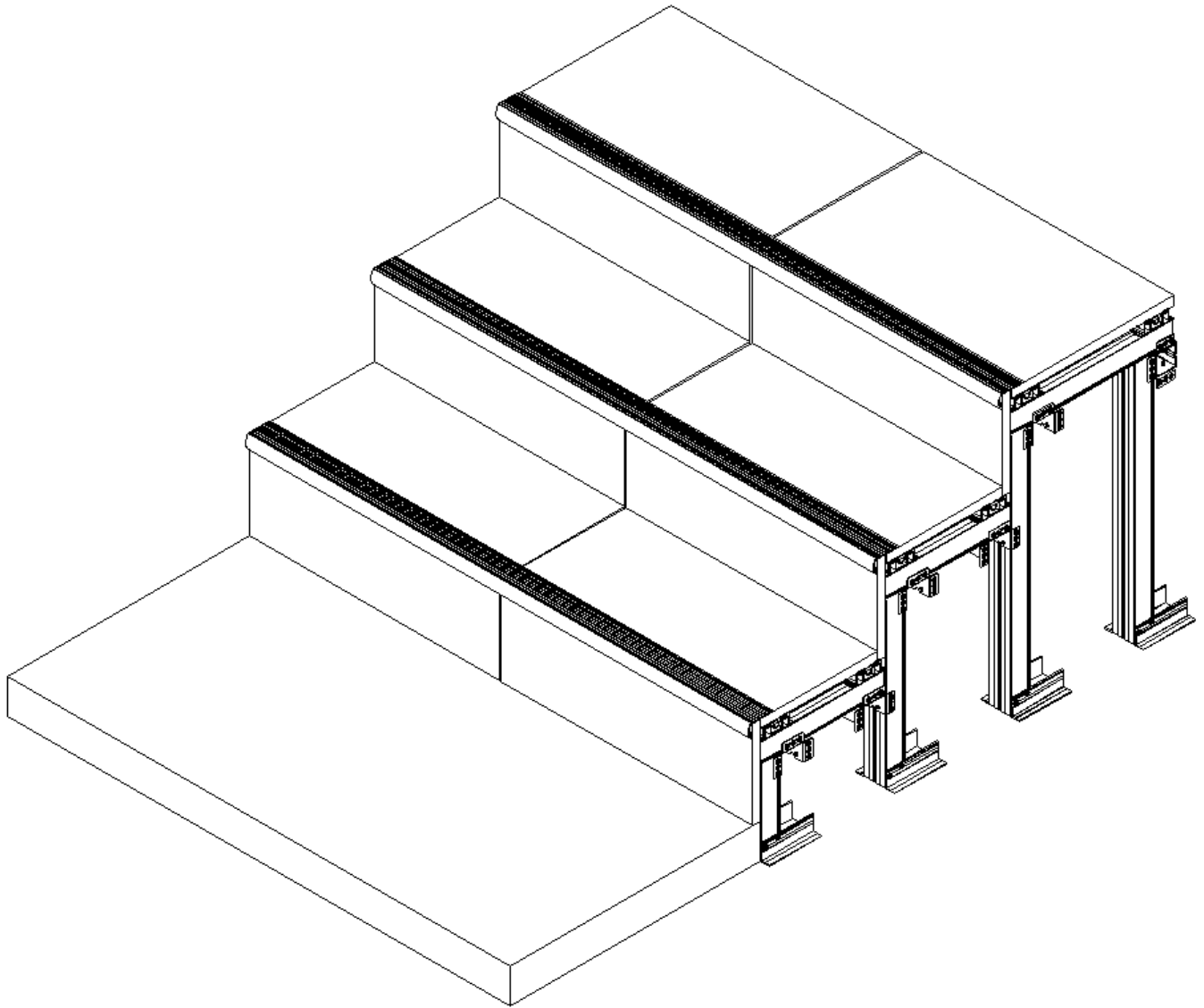


6) Installing the bottom step riser; Measure the total height from the base to the top of stair 1 and deduct 15mm off. Cut the tile to size and rotate into the cavity of the Stair Nosing Profile, as shown. Prior to placing the vertical riser tile in, ensure adhesive is applied to the vertical joist face. **Fig F.**

(F)



7) Your TerraSmart Rail Step Construction is complete.



LET'S TALK

sales@rynosystems.com
+44 203 967 3500
rynosystems.com

HEAD OFFICE

2 Sutton Lane
London
EC1M 5PU

STUDIO

CastlePoint
Castle Way, Ellon
AB41 9RG

