

Canopy Installation Guide





Before you Start

www.ccrmstructures.com

Your CCRM Structures canopy is a super-lightweight polyurea shell, fixed to the wall on galvanised cantilever channel brackets. The canopy has pre-drilled holes along its rear face that slide onto the bracket arms, and is bonded in place with low-expansion adhesive foam. This guide covers setting out the brackets, dry-fitting, bonding the canopy flush to the wall, and long-term care. Suitable for professional fitters and competent DIY installers.

Products Required

- CCRM cantilever brackets. 3 or 5, to match the canopy holes (supplied)
- Wall fixings to suit the substrate -
Low expansion adhesive foam

Tools Required:

- Drill + correct masonry / SDS bit
- Spirit level (600 mm+)
Measuring tape & pencil
- Foam applicator gun

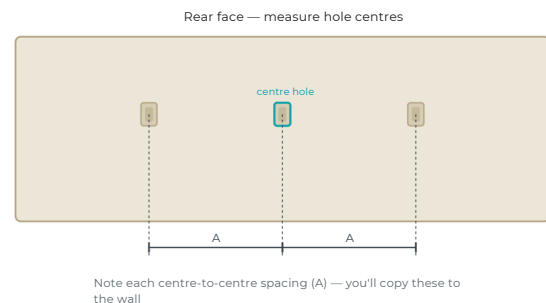
A Few More Notes

- An installed canopy is NOT load-bearing
- Two people are recommended for handling and offering up the canopy.
- Use low-expansion adhesive foam only, and always dry-fit before applying any foam. Do not load the canopy until the adhesive has fully cured (minimum 4 hours).

1. Check the mounting-hole spacing

Turn the canopy over and look at the pre-drilled holes along its rear face. Each canopy has 3 or 5 holes — always with a hole at the centre — and one bracket seats into each. Measure and note the centre-to-centre spacing between the holes; you will copy these exact dimensions onto the wall.

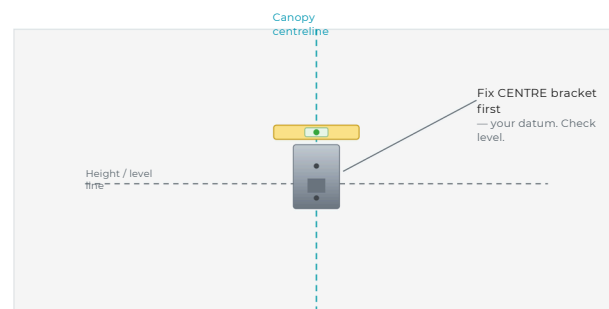
TIP One hole = one bracket.



2. Fix the centre bracket first

Mark the canopy centreline on the wall at the required height. Fix the central bracket here first. Check it is dead level before final tightening — this bracket is the datum for every other one.

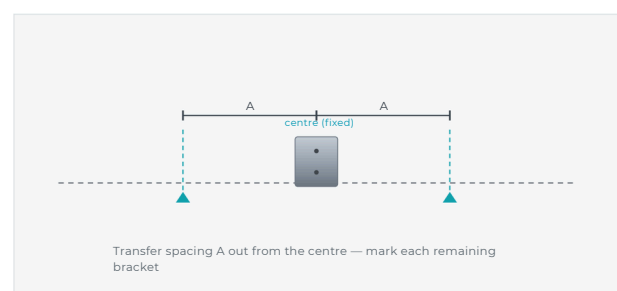
TIP There is always a centre hole — fix that bracket first as your datum.



3. Set out the remaining brackets

Working outward from the centre bracket, transfer the hole spacing measured in Step 1 to mark each remaining bracket position. Keep all marks on the same level line so every arm sits at the same height.

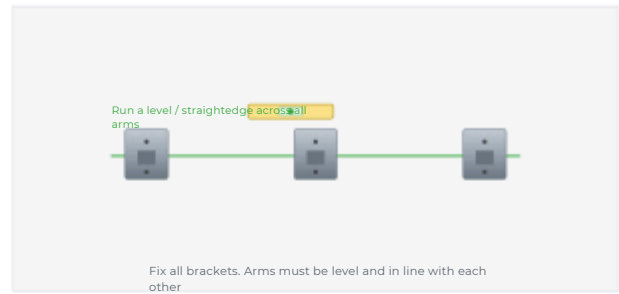
TIP Measure from the centre outward — errors won't stack up.



4. Fix the remaining brackets

Fix the outer brackets on your marks. Then run a spirit level or straightedge across all the bracket arms to confirm they are level and in line with one another before going further.

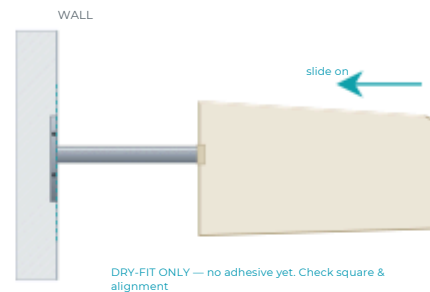
TIP Level, co-planar arms = a canopy that pulls up flush.



5. Dry-fit the canopy

Offer the canopy up and slide its rear holes onto the bracket arms. Confirm it sits square and pulls up flush to the wall. Do this dry, before any foam, so bracket positions can still be corrected.

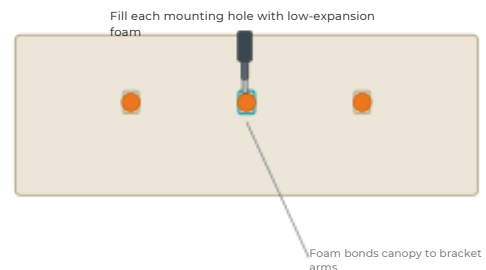
TIP Two-person lift. Fix nothing to the canopy at this stage.



6. Foam the mounting holes

Once you are happy with the dry-fit, remove the canopy and fill each pre-drilled hole with low-expansion adhesive foam. This is what bonds the canopy to the bracket arms.

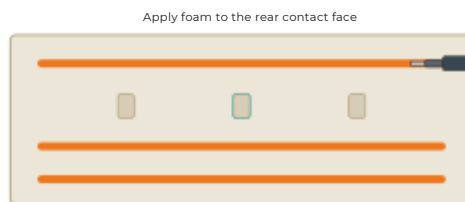
TIP Low-expansion foam only — higher-expansion foam can distort the canopy.



7. Foam the rear contact face

Apply low-expansion adhesive foam to the back of the canopy (the face that will contact the wall). This bonds the canopy to the wall itself, in addition to the brackets.

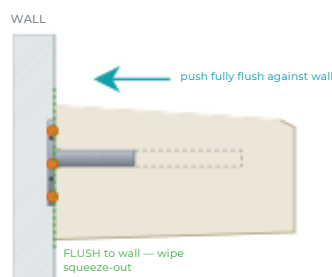
TIP Keep beads back from the edges so foam doesn't reach the finished face.



8. Slide on and push flush

Slide the canopy back onto the bracket arms and push it fully home until the rear face sits flush against the wall. Wipe away any foam squeeze-out straight away, before it skins.

TIP Flush = neat weather line and full adhesive contact.



9. Allow to cure: 4 hours

Leave the adhesive to set for 4 hours. You have roughly 10–15 minutes of minor adjustment time right after fitting to true the canopy up; after that, leave it undisturbed. Do not load the canopy until fully cured.

TIP Protect from knocks and heavy wind-load during cure.



Cure 4 hours

10–15 min adjustment window

Minor tweaks OK just after fitting. After that, leave undisturbed.

Do not load or hang from the canopy until fully cured.

CCRM STRUCTURES PRODUCTS COME WITH A 10-YEAR WARRANTY, PROVIDED PRODUCTS HAVE BEEN CORRECTLY INSTALLED AND REGULARLY MAINTAINED. OUR WARRANTY DOES NOT APPLY IN THE FOLLOWING CIRCUMSTANCES:**

ANY DAMAGE TO PRODUCTS RESULTING FROM:

- NEGLIGENCE OR INCOMPETENT STORAGE OR HANDLING OF PRODUCT
- FAILURE TO INSTALL THE PRODUCTS IN ACCORDANCE WITH INSTALLATION GUIDELINES
- TAMPERING WITH THE COMPOSITION OF THE PRODUCT
- EXTERNAL FACTORS NOT DUE TO THE PRODUCT, IN PARTICULAR FORCE MAJEURE, SUBSIDENCE OF THE BUILDING, ORGANIC CONTAMINATION, HEAVY CONTAMINATION OF THE FACADE SURFACE RESULTING FROM THE UNFAVOURABLE LOCATION OF THE BUILDING
- CONTRACTOR'S ERRORS AT POINT OF INSTALLATION



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