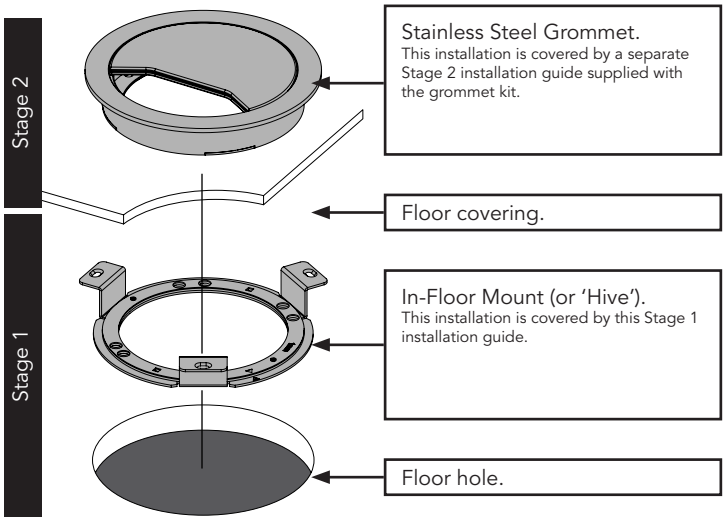
Stainless Steel Grommet

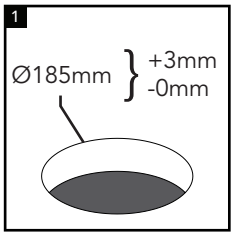
Stage 1: In-Floor Installation

Overview: CMD's Stainless Steel Grommet has been designed as a modular system, so that it can be installed in distinct stages, or all in one go, according to project planning.

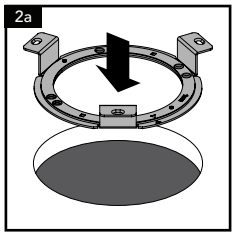


Please read this installation guide carefully and ensure that you have all of the components you need to complete the relevant stage of the installation.

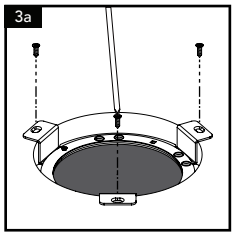
Installing the Mount Ring (pass-through configuration)



Carefully position and cut the floor hole to the specified diameter.

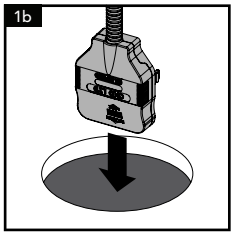


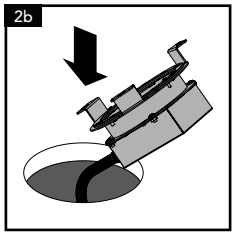
Lower the Mount Ring into the floor hole.

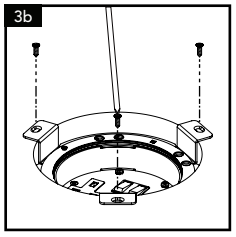


Fix the Mount Ring securely to the floor with 3x No.8 CSK fixing screws (not supplied.)

Installing the Mount Ring ('Hive' configuration)

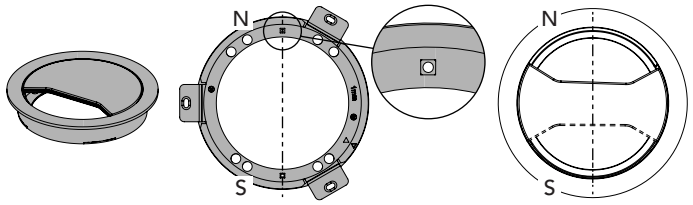






If installing a wired 'Hive' assembly, first feed the tap-off through the hole and connect to the underfloor supply. Angle the assembly through the hole and rest the Mount Ring on the floor. Secure in place with 3x No.8 CSK fixing screws (not supplied.)

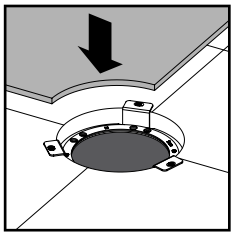
****IMPORTANT NOTE****
For Flanged Grommet installations only.



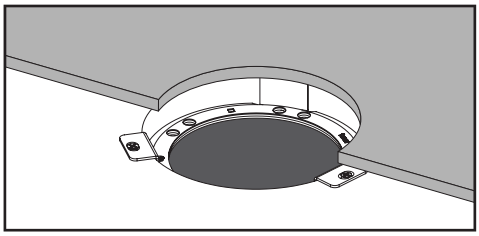
The position of the grommet's cable entry will be aligned with the orientation of the installed floor mount. The punched squares in the mount indicate the alignment of the cable entry, so care should be taken to install in the desired orientation, if this is important.

Laying the floor covering/hole cover

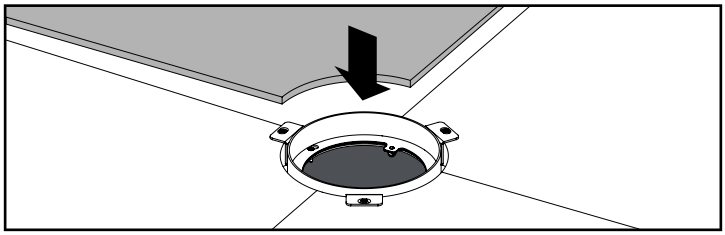
****NOTE****
At this stage, the floor covering can be laid. Or the floor hole can be covered for later installation of the flooring and grommet.



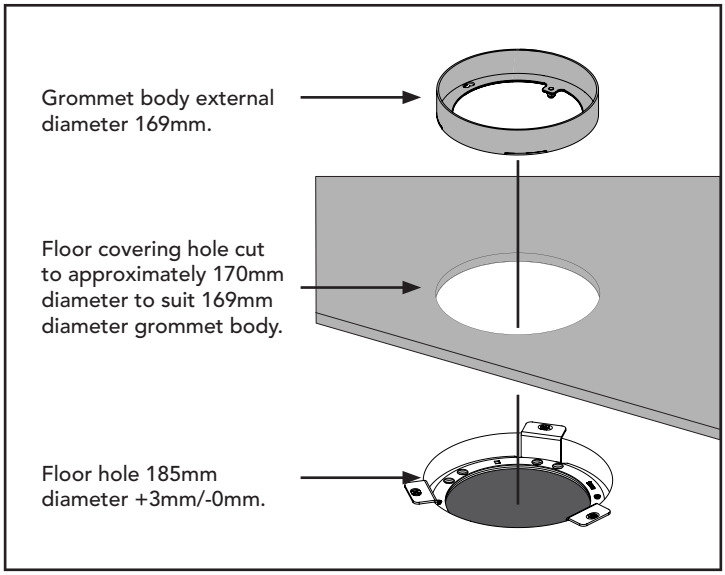
The floor covering can now be laid up to and around the grommet hole.



Note the hole in the floor covering is slightly smaller than the floor hole. Partial floor covering shown for illustration purposes.



If a 'tramline trim' grommet is to be used, it is highly recommended to install the grommet body before laying the floor covering, so that the flooring can be laid up to it accurately.



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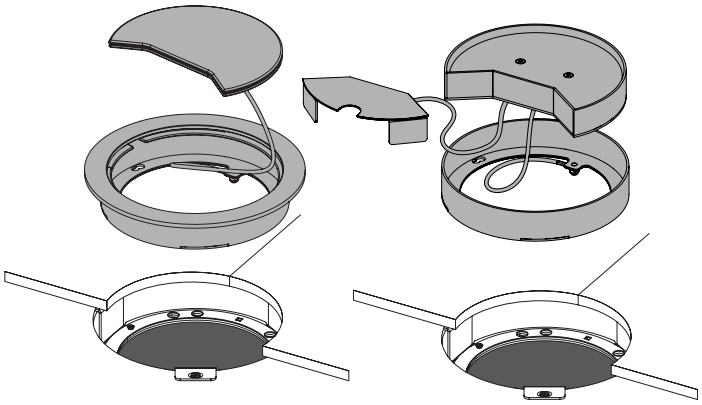
Stage 1 installation complete

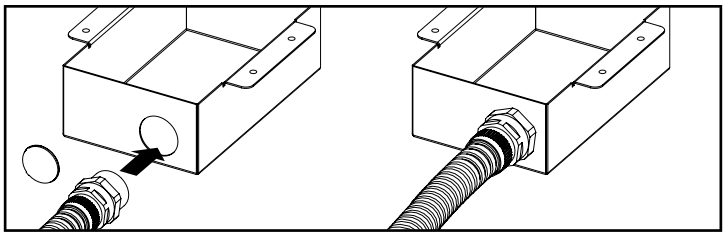
In-floor installation is now complete. (If it has not already been installed) the Stainless Steel Grommet can now be added to the in-floor installation. Please refer to the Stage 2 installation guide supplied with the grommet kit. Alternatively, the in-floor installation can be covered for later installation of the grommet elements according to the project schedule.



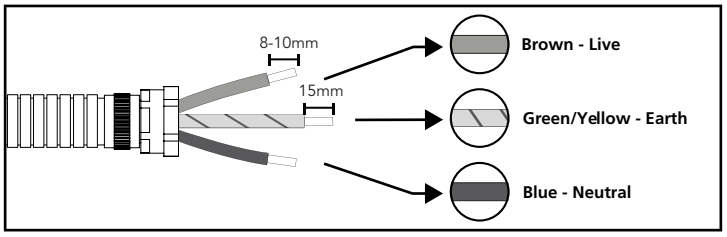
Flush Lid/ Flanged Trim Grommet

Recessed/ Tramline Trim Grommet

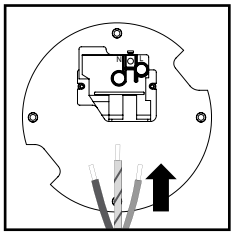
Wiring on-site (if applicable)



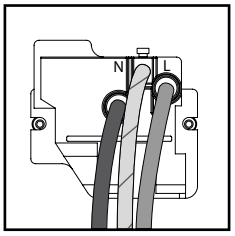
Remove the knockout from the back box to create the aperture for the conduit. Feed the end of the conduit and wiring into the back box. Secure the conduit gland to the back box with a suitable fixing nut.



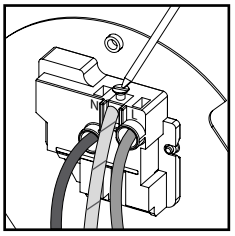
Each socket is wired with Live, Neutral and Earth wires. Strip the ends of the wires by 8-10mm. Strip the Earth wire back an additional 5mm.



Looking at the back of the circular plate, offer up the wires to the socket.



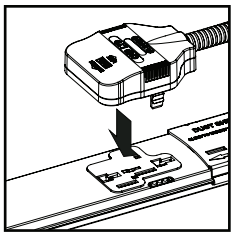
Feed the stripped end of the wires into the marked terminals on the socket.



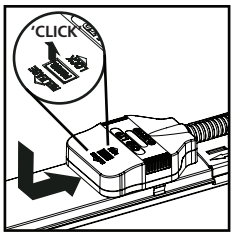
Secure the wires in place with a suitable flat blade screwdriver to **1.8Nm** max. torque.

Tap-off engagement/release

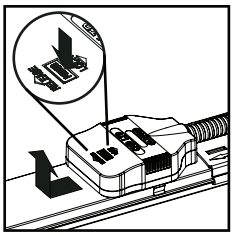
****WARNING****
An unterminated tap-off MUST NEVER be connected to a live track. Provided that it is off load, a terminated tap-off may be removed/ inserted into a live track. Conduit must be bonded to Earth.



Align tap-off pins with slots on socket. Push down to engage.



Press down and push backwards until button clicks upwards to lock.



To remove, press button to disengage. Push forwards and lift up to remove.

Additional information

Safety

- Installation is to be carried out in accordance with relevant Health & Safety regulations and only to be carried out by a skilled or competent person.
- It is recommended that this product is not installed in high traffic areas.
- The product should be installed to comply with the relevant national standards and be inspected and tested prior to being put into service (in the UK BS 7671 Wiring Regulations).
- Isolate the supply before installation or repositioning. Any locking mechanisms must be used and fully engaged.
- Incorrect use could lead to risk of electrocution.
- Product to be used only for the intended purpose of distributing power in a commercial environment.
- Ensure to replace the lid after use.
- Do not misuse, dismantle or re-configure the product because doing so will invalidate the warranty.
- If a product incorporates RCD protection, the RCD should be regularly tested in-line with current standards.

Standards

- Refer to the Declaration of Conformity.

Further guidance

- Should the supply cable need replacing, contact CMD.

Product care

- Clean using a dry cloth. No abrasives or solvents to be used on the product.
- Do not drop or expose to moisture.

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