

Flat Cable Ducting Installation Instructions

The installation of the flat-cable ducting supplied by Ampetronic is a straightforward process, but some hints and safeguards are needed to ensure a satisfactory installation.

1. Surface Cleanliness

It is absolutely essential that the surface to which the extrusion is to be fitted should be free of dust, grit, grease, oil, loose flaking surface material, etc. and should be flat and smooth.

Furthermore, if the surface is a floor or adjacent skirting board area, then this may have been cleaned with a cleaner incorporating either wax or silicone polish. Most floor cleaners are of this type. (Polishes act as a release agent similar to the coating on the backing strip!)

In this instance, the polish **MUST** be stripped off using a suitable proprietary cleaner (see list below). Normal cleaning solvents are not suitable for removing these polishes.

The above precautions are essential to enable the adhesive strip to bond to the surface in a reliable manner.

If the surface is slightly uneven, then an additional adhesive strip of greater thickness (1mm) can be fitted to absorb the surface irregularity.

Where heavy foot traffic is expected on floor positions, then it is advisable to also fix the extrusion with No. 4 screws through the side flanges to the floor.

These screws should be of suitable length, and be angled so that the head can be flush with the upper surface. A screw spacing of 300 - 400mm should be adequate.

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Cleaning/stripping materials

Several of the floor polish manufacturers can supply a suitable stripper. A stripper suitable for both wax and silicone is:

Daren Super Strong Stripper, Type 150135
Darenas Ltd
Daren House
Kingsbury Road, Cudworth
Sutton Coldfield, West Midlands
B76 9EE
Tel: 01675-470670 Fax: 0675-470717
www.dmrs.co.uk

2. Practical Installation

It can sometimes be difficult to locate the copper strip in the recess while positioning the extrusion in areas of limited access. This is caused by the extremely high adhesion of the edging strip, which can trap the copper strip.

A suitable solution to this problem is the following installation sequence:

- remove backing strip on one edge only, and position strip on surface in correct location.
- insert copper tape under extrusion, pushing it as far under as possible.
- pull off the second edge backing strip, ensuring that the copper tape stays in the internal slot. Press down to bond to surface

Note to Distributors: A copy of this document must be included by distributors when copper tape and/or adhesive tape is despatched to installers.

Warranty Information

The extrusion is warranted against defects in manufacture present at the time of supply. The warranty does not cover installation errors or mechanical damage to the tape. Failure to follow these instructions properly could invalidate any warranty.

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