

EARTHING & LIGHTNING PROTECTION

Lightning protection conductor fasteners

Glue-down clip adhesive



Furse Glue-down lightning conductor clip adhesive is a powerful, instant grip waterproof adhesive for use with most typical building materials and surface finishes including wood, concrete, brick, plaster, glass, ceramics, metals, rigid pvc and grp.

Application

One cartridge of glue down lightning conductor clip adhesive will bond approximately 50 Furse glue-down lightning conductor clips.

The unique solvent free formula can be applied in damp or even wet conditions.

As well as bonding, this adhesive also provides a completely waterproof and flexible seal.

The adhesive does not contain any water or solvent. It has very low odour, cures to form a hard elastic rubber, with almost no shrinkage.

When fully cured the product may be painted with most types of paints.

Preparation for use

1. Any loose or weak layers on the surface to be bonded to must be removed.
2. Surfaces must be clean and preferably dry.
3. Surfaces that are damp **MUST** be checked for weak or loose matter on the surface that the damp might hide.

Application

1. Cut off tip of cartridge above screw thread and screw nozzle onto cartridge.
2. Fit cartridge into sealant gun and squeeze the trigger.
3. Apply a continuous bead of adhesive approx 300 mm long in spiral pattern on the underside of the base of the glue-down lightning conductor clip.
4. Press the glue-down clip firmly into place and wipe off any excess adhesive with a damp cloth.
5. Adhesive sets in approx 16 hours at 20°C, but may require longer in poor drying conditions.
6. Do not fix lightning conductor into the glue-down clip until adhesive is completely dry.

Cleaning

1. Uncured product may be removed using cloths lightly dampened with white spirit, after carefully scraping off the bulk.
2. Cured product requires mechanical removal.

Precautions in use

Furse glue-down lightning conductor clip adhesive will not bond to polythene, polypropylene & Teflon.

Furse glue-down lightning conductor clip adhesive must not be used on surfaces contaminated with bitumen.

Not suitable for continuous submersion in water.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Safety Data Sheet for Furse part number AG900 available at www.furse.com.

Product characteristics

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|---------------------|---|
| Colour: | White |
| Specific gravity: | 1.5 approx. |
| Composition: | Moisture curing SMP polymer |
| Packaging: | C20 290 ml cartridges |
| Storage/shelf life: | Store for up to 18 months when stored in original, unopened packaging under dry conditions with the temperature range of +5°C to +25°C. |

Typical performance data (approx.)

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|--------------------------|--|
| Service temperature: | -40 to +100°C |
| Coverage: | 44 metres of 3mm diameter bead per 290 ml 14 metres of 5mm diameter bead per 290 ml |
| Drying times: | 17 - 24 hours at 20°C |
| Shore A hardness: | 50 - 55 |
| Tensile strength: | 1.5 - 1.8 MPA |
| Elongation at break: | 200 - 300% |
| Movement: | Will accommodate up to $\pm 12\%$ of the mean joint width. |
| Shrinkage: | Less than 3% |
| Water resistance: | Excellent |
| Oil & Petrol resistance: | Good |
| Chemicals resistance: | Good |
| Abrasion resistance: | Good |
| Coatings: | Cured product may be over-painted with most types of paints. In some rare cases the surface may retain slight tack, which usually another coat of the paint will remedy. |

Ordering information

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| Part number: | AG900 |
| GID code: | 7TCA083830R0000 |

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