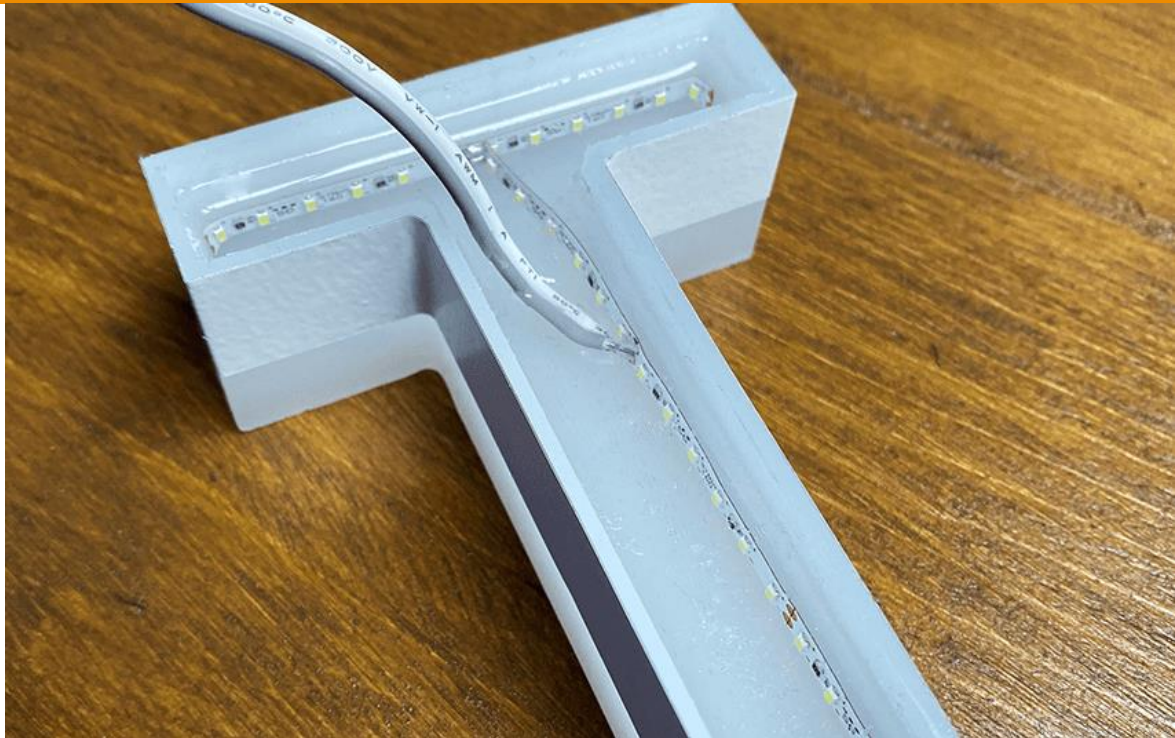


Wacker SilGel®

612

Clear silicone potting compound



Our customer

Outdoor LED Signage
Manufacturer

Customer benefits

- Cures to a crystal clear gel
- Easy to use, simple 1:1 mix ratio
- No shrinkage, delamination or discolouration over time

Potting LED strips for outdoor signage made easy with silicone gel

Our customer, a UK manufacturer of outdoor signage and lighting products, was seeking to encapsulate their LED strips to protect them from environmental damage.

Delamination was a problem with compounds the customer had previously tested, and caused aesthetic issues with the finished product. We suggested Wacker SilGel 612 as it provided good light transmission, consistency of LED colour warmth across the strips, and had good adhesion to both the PMMA (acrylic) and LED strips. It has a simple 1:1 mix ratio and a low viscosity, making it easy to use.

Our customer said:

“We needed to find a suitable resin or silicone to protect the LED lighting we fit inside signage. Having trialled almost every encapsulation option there is to embed LEDs for water protection, SilGel612 has been our saviour. It’s easy to use, we don’t have any issues with heat dissipation, and importantly, we don’t get any shrinkage or discolouration over time.

“Another big factor has been the service provided by the team at Intertronics, particularly Matt and Paul. Getting information, datasheets and guidance has been so easy that we can’t thank them enough.”



Contact us for more information on our potting compounds

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