

Ref: 22.018

Resin	1Kg
Catalyst	400g

In order to seal a flexible strip to a profile we will need to use the product "22.018", which is resin + catalyst (accelerates drying).

We supply a 1kg pot of resin and a 400g pot of catalyst.

The proportions to make the mixture are: for every 100g of resin, we will use 40g of catalyst, the proportion is 100 / 40g. If we use 1 Kg of resin we will use 400g of catalyst, for every 10g of resin we will use 4g of catalyst.

It is recommended to mix small amounts to be able to work correctly with the product.



#### How to use:

1. We will prepare the profiles and covers to the corresponding size needed for the installation. When we have the covers cut, we will put aside until we have to install them.
2. We will install the chosen led inside the profile with the power cables already installed. After this, we will place some plugs on the ends or some component that covers the end part so that the resin will not come out when being applied (hot silicone, insulating tape, seal etc).
3. We will prepare a completely level work area to be able to apply the resin to the profiles, previously prepared.
4. We will prepare the product, mixed with the previously explained proportions, using a plastic or metal container (do not use a bottle as the material with which we are going to work has to be put into a resistant container because when mixing the resin with the catalyst the reaction will generate a rise in temperature for a few minutes to increase drying speed).

Once the two components have been placed in the corresponding container, we will stir it for 4 minutes so that it is very well mixed.

5. Then we will wait for 5 min before inserting it inside the profile, so as not to damage the flexible led strip, if the mixture is too hot.
6. Once this time has elapsed, we will carefully begin to insert the resin into the profile, from one end to the other. We have to be very careful not to insert the resin into the channels where the cover has to be clipped on. We must also make sure we don't pass the red line that can be seen in the following image.



We will insert a very small amount and slowly so that the resin covers the surface of the entire led strip and uniformly.

Remember that the profile has to be well levelled so that the proportion of resin throughout the profile is the same.

7. Once we have finished inserting the liquid resin into all the profiles, they should be left to dry for approximately 8 to 10 hours at a temperature of 30°C. Depending on the ambient temperature and humidity, the drying can take more or less time.

We will not install the cover just yet.

8. Once the drying time has elapsed, we can remove the plugs that we had previously placed on the profile ends.
9. The finished kits can now be placed. If the kits are very long, we must be careful not to bend them too much to avoid breaking the resin. They must be handled with care.
10. If two kits have to be joined together then there will most likely be a small gap with no resin. However, with a small quantity of resin we will be able to cover the joints.
11. Once all the previous steps have been completed, we can then place the covers and power the installation.