

Installation Guide

Self-Adhesive Products

 Everlux®

ABOUT THIS GUIDE

The purpose of this guide is to provide general practical guidelines for the correct installation of various self-adhesive Everlux products.

The successful installation of self-adhesive products is strongly influenced by the receiving surface and by ensuring the correct preparatory steps are taken.

To help ensure successful installation it highly recommended that the steps outlined in this guide are followed.

I - Evaluation of the Receiving Surface

Rough, Uneven or Porous Surfaces	Rough, uneven and porous surfaces such as untreated wood, concrete etc. are not conducive to the successful installation of self-adhesive products as the receiving surface needs to be smooth and even. If the receiving surface conditions are not suitable then the need for alternative fixing methods such as silicon, adhesive or fixings may be appropriate. Should this be the case then rigid PVC signs are likely to be more appropriate.
Parallelism of the installation surface	Surface parallelism is essential to the adhesion quality. On surfaces where there is no complete parallelism, the need for alternative installation solutions, such as mastic glue, or structural glue, bolting to supporting structures, or directly to the surface, must be checked.
Curved or Rounded Surfaces	Self-adhesive products in general are more suited for installation on flat surfaces. However, successful application on curved surfaces can be achieved but it is important to verify that the tension created by the curvature of the surface does not exceed the adhesiveness of the product. If the curvature is gradual along the sign length then successful installation is likely to be achieved.
Coated surfaces	Some coated surfaces may present a unique challenge for the successful installation of self-adhesive signs as they may have special characteristics a low surface energy which may hinder adherence. Such surfaces may require special preparation such as priming. It is the installer's responsibility to evaluate the surface and, if necessary, ask the manufacturer for guidance. Examples of coating materials may include: PP, PS, TPO, PTFE, PBT, PVDF, PU amongst others. [*]

[*] For more information please consult the product technical datasheet

II - Preparation of the Receiving Surface

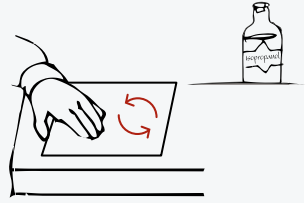
It is always advisable to assume that all receiving surfaces will require preparation before self-adhesive products are installed. Please follow the guidelines provided to ensure that they are dust and grease free and suitable for installation.

Cleaning and Degreasing

For this operation a degreasing solution should be used: for example, isopropyl alcohol, white spirits, thinners or similar products.

The cleaning operation must be done in two phases:

1^o Apply the degreasing solution to the surface and wipe the entire surface in a circular motion using absorbent tissues or a cloth and ensure that it is free from residue, dirt and grease.



2nd Apply the degreasing solution to the surface and clean in one direction only.



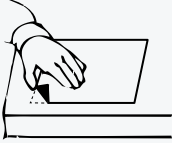
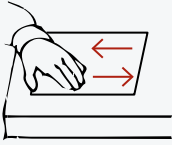
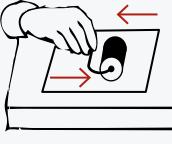

Drying

Allow to dry fully and ensure all the cleaning solution has evaporated and once prepared avoid contact with the receiving surface prior to the application of the self-adhesive product being installed.

2 - 3 min.



III - Product Application

Remove the protective backing from the sign	Remove the protective backing from one of the corners ensuring that contact with the self-adhesive surface is avoided.	
Product Application	Position the sign on the prepared receiving surface and avoid the formation of bubbles during application. The application temperature should be between 15°C and 25°C and should never be below 15°C.	
	Apply pressure throughout the sign area. It is recommended that a roller is used during application as this provides an even distribution across the whole surface. The success of the installation will depend on the amount of contact between the adhesive and the installation surface. A strong and even pressure across the whole sign surface will help ensure maximum adhesion possible is achieved.	
Adhesion	Full adhesion is attained over a period of time with approximately 50% of final adhesion being achieved after approximately 20 minutes, 90% adhesion after 24 hours and 100% adhesion after 72 hours (at room temperature).	100% - 72h 

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For more information, please consult the technical data sheets for the relevant self-adhesive product.

