

! APPLICATION INSTRUCTIONS

1. Preliminary work

- It is necessary to check the type and condition of the adherend(MDF, etc.) on which the film is applied to see if any problems may occur during application.
 - In the case of MDF, it is recommended to use MDF with uniform density, as the difference in application adhesion and flame retardant performance occurs depending on the density.
 - The painted surface should be cleaned with alcohol to remove contaminants and checked for damage to by the solvent. The uneven areas should be polished with sand paper after puttying treatment and foreign matters should be removed with a dust brush.
 - For iron plates, after removing contaminants from the surface with alcohol or lacquer, the uneven areas caused by welding should be treated by puttying. Foreign matters should be removed with a dust brush after polishing the surface with sand paper.
- It is necessary to perform preliminary inspection on whether the product selected by the consumer has defects. (pattern name, appearance, etc.)
- Film application should be carried out after wood application and before painting and wall papering.

2. Surface Pre-work

- The cross-section(cutting) part of the adherend(MDF, etc.) where the film will be applied must be sufficiently polished with sandpaper.
 - In particular, in the case of wood(MDF, PB, etc.), smoothness of the bent and joint parts is important. Therefore, if the surface condition is rough after inspecting in advance, it must be sufficiently polished with sandpaper or putty treatment before application.

3. Primer treatment

- For the primer treatment, the cut surface of wood(MDF, PB, etc.) among the adherends has a high primer absorption rate, so the primer should be applied 2-3 times. Overlapping is done after the primer applied before has been completely dried.

4. Application Methods

- During application, the cut surface of the film should not be visible as much as possible.
- Film should be applied in a way that the substrate is not visible as much as possible.
- **Color differences may occur between product lots, so it is necessary to sort the lots for installation.**
- The site temperature should be maintained at 15-25°C from 72 hours before application to 48 hours after application. In winter, if the product is left outside, adhesion may decrease due to a drop in temperature.

5. Application Instructions for Specific products

SW, EL, LE, PL	<ul style="list-style-type: none"> - These products do not have a surface film layer but only did surface treatment. If you strongly rub the corners with wool felt or cotton gloves, the printed layer may be damaged, so please use with caution. - Due to the surface treatment layer, it may slip when film is overlapped. Therefore, the application should be done after applying the water-based primer PM-04 undiluted solution and drying it sufficiently.
US, UM, UP	<ul style="list-style-type: none"> - Outdoor products must be installed in compliance with separate specification standard.
NS	<ul style="list-style-type: none"> - This film features deep embossing to realize the texture of brick and concrete. - In the case of overlapping application, the adhesive strength decreases due to the depth of the emboss, so apply a primer after attaching it with masking tape. - After the primer treatment, the product must be sufficiently compressed to the surface for stability in application, so please pay attention to this point.
HIGH GLOSS	<ul style="list-style-type: none"> - In order to properly reproduce the gloss effect on the film surface, application must be done in a clean environment. - If application is performed with foreign substances(dust, dirt, etc.) on the adherend(MDF, etc.) and the film adhesive surface, surface imprints or protrusion marks may occur on the film surface. - Since the product has high hardness, it should be finished perfectly by applying more force to prevent the edges from being lifted and to realize a clean visual effect.
NATURE CRAFT	<ul style="list-style-type: none"> - Butt joint application is required. During overlapping application, there is a risk of peeling of the overlapped area due to the embossing and surface treatment layer. - Since it has a special multi-layer product structure, if the surface is heated during application, it may cause delamination or surface wrinkles, so curved surfaces cannot be installed. - You need to cut and install in consideration of fitting connection between patterns. If it is cut according to the printing scale on the releasing surface, the alignment between the patterns will not be possible. - There is no surface film layer, if you strongly rub the corners with wool felt, cotton gloves, etc., the printing layer may be damaged, so please use with caution.

6. Others

- Film application must be carried out according to the application standards of the specification.
- For application methods and adherends(MDF, etc.), in case of the application on a different type of adherend from the specifications, you must contact LG Hausys or a vendor to confirm the possibility of application.
 - Air bubbles may occur during application on acrylic adherends, so please check with LG Hausys or a vendor before application
- In case of the film application, you should use the water-based primer PM-04 of LG Hausys.