

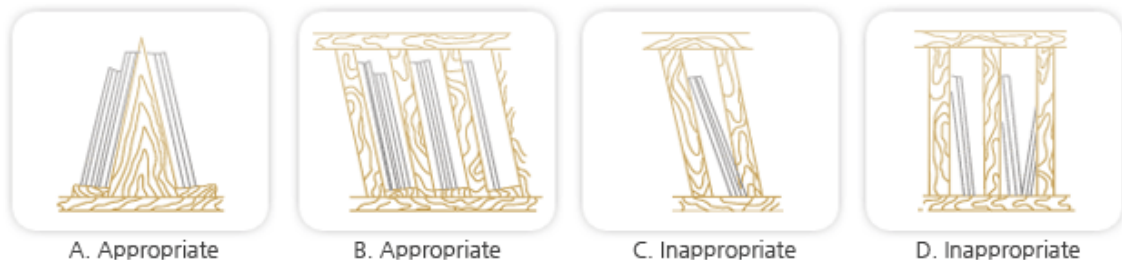
# <How to handle CLEANGLAS and cautions>

## Handling

- As it is heavy, make sure to use precautions at a time of loading, unloading and transporting.
- Do not kick the product at a time of loading and unloading and make sure not to apply impact to the product by dropping to the ground.
- If impact is applied to both edges at a time of transporting, it might cause damage to the product.

## Storage and Precautions

- Keep it at an angle of 10 degrees(perpendicular lading) and make sure that the thickness is 30cm or less.



- Make sure to lade products of the same size on uniformed pallets, and if the products have different sizes, make sure to lade them in the order of size.



- Make sure to keep it in a flat and clean place without dropping water.
- Avoid a humid place where there is a direct ray of sunlight, rain leaks and temperature goes up to 40 degrees or higher.
- Do not keep it on PVC or recently constructed concrete floors or in a place to which harmful chemicals or oil can be infiltrated to prevent cracks.

## Precautions with regard to protective films

- Make sure that protective films are not kept in a place with a direct ray of sunlight for a long time.
- If it has been kept at 60 degrees or higher for a long time, it is not easily detached.
- Make sure to remove surface protection films (paper, vinyl) right after construction.
- If protective films are not easily detached, apply chemicals (isopropyl alcohol, naphtha, butyl cellosolve-2-butoxy ethanol etc) for 15 to 30 minutes before elimination.

## How to Adhere (Adhesion using solvent)

It is the simplest way of adhering polycarbonate and ethylene chloride solution is used.

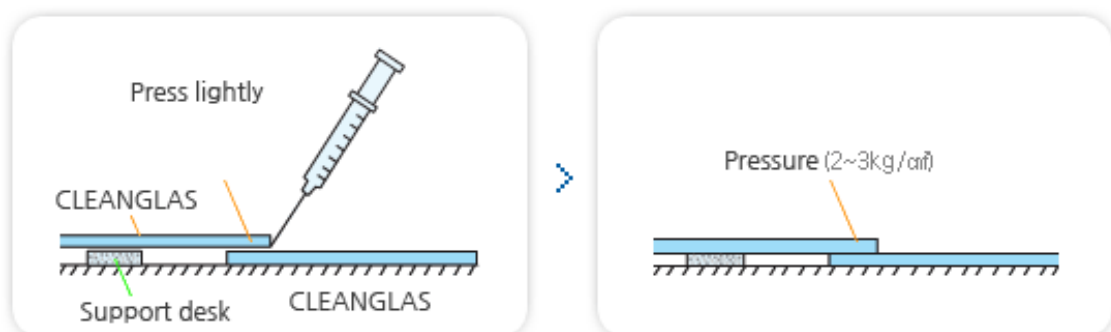
### ■ How to adhere

#### - Pre-treatment

If an adhesive side is contaminated with oil, make sure to apply methanol or detergent to clean it.

#### - Adhesion

Apply ethylene chloride solution to an adhesive side by using a syringe and immediately adhere it. In particular, if it requires a strong adhesive effect and heat resistance at the same time, make sure to wait for a moment after application of ethylene chloride. Make sure to leave it on for 5 hours or more before use.



## **Cutting and Hole processing**

- It can be cut off by using a saw and the eyes need to be protected during a work.
- A saw needs to be used when the designated number of rotation is reached, and if the cut-off side is uneven, it needs to be polished with a metal wire or sandpaper.
- It needs to be cut widely and transported in small pieces.
- Holds need to be larger than bolts in consideration of the rate of elasticity.
- If bolts are used to fix the product, it might cause a crack.

## **How to wash**

- Remove dust with clean water and apply detergent, methane or ethane to cloth or a sponge to swipe it before rinsing and drying.

### **※ Precautions**

- (1) Do not use materials that might be worn, alkali detergents, benzene, gasoline and acetone toluene etc.
- (2) Do not clean it under a hot ray of sunlight or in a hot temperature.

## **Precautions in using sealant**

- Non-acid alcohol silicon needs to be used, and if silicon sealant is used, chemical reactions might cause cracks or whiteness. Make sure not to fill silicon in the hole of the double-layer sheet(hollow sheet).