

Cautions of EIN super deck 22

EIN Super Deck 22 (ESD) is a recycled wood made of resin and wood powder, therefore there are different characteristics from the natural wood, please note the following matters on design and construction.

1> Design considerations

■About installation conditions

Be sure to use deck with floor board → joist (→ large draw) → height adjustment material configuration. The floorboards cannot be placed directly on the soil's ground or concrete surface. Be sure to raise it from the floor to ensure ventilation and drainage.

If the installation area is a place with poor drainage conditions, it will cause deformation of the floorboard and deterioration of the base member. Please ensure the drainage route.

■About expansion and contraction

ESD expands and contracts slightly due to heat and water absorption.

Open of 5 mm joint in both width and length directions

Matching to other structures such as buildings open a joint of 5 mm or more.

■About fixation method

Use the exclusive clip to fix the floor board, in places that the clip cannot be used, screw on top of the board so it won't be loose.

■About overhang length

ESD should be fixed at the edges and reduce the overhang as much as possible.

2> Cautions on construction

■About storage

Do not store ESD materials in upright position, lay it down flat. It may deform.

In case of temporary storage, please cover with a curing sheet to protect from direct rain.

Do not drop hard objects such as hammers. It may cause crack chipping.

Caution with impact when putting the cutting edges on a hard ground.

■About processing

ESD processing is possible with tools that are not different from conventional wood such as cutting, drilling, chamfering, and cutting.

As the wood chip contains resin, it does not return to the soil. Please collect and handle it properly.

Cutting the cross section in the length direction may cause deformation.

■About construction

The bit diameter of the drill to be used when tightening the screws attached to the exclusive clip is the # 2 plus bit within 4.5 mm shaft diameter.

In case of fixing the floorboard by screwing on top of it, please open a pilot hole beforehand to then install it.

Drill the pilot hole slightly larger than the screw diameter.

If a screw is drilled near the cut end, there is a risk of cracking towards to the edge.

3> Precautions when using

ESD is inflammable. Please be careful to fire sources.

When it gets wet in the rain, the lye of wood comes out to surface as well as natural wood, but it assimilates to the surroundings by being exposed to rain many times.

If it is very dirt, use diluted neutral detergent, rinse it with a soft brush and water, then wipe with a cloth. Use the brush along the longitudinal direction.

If the spots and scars stand out, you can make it less noticeable by using a sandpaper (about No. 40).

Due to the ultraviolet rays, the surface is weathered and the pigment may float, please clean regularly "inconvenient locations and the attached pigments".

4> Warranty system

■ Guarantee contents

We have set a 2-year warranty period from the date of delivery, in case of deficiency. If our products fails due to defects in parts or materials or defects in design and manufacture despite regular use, free repair will be guaranteed if within the warranty period.

■ Out of scope of compensation object

The following will not be covered in the warranty.

Failure, damage or bursting due to abuse or incorrect usage.

Failure, damage or destruction caused by remodeling.

Fading color change and wear due to aging.

Failure, damage or breakage caused by natural disasters such as earthquakes, fires or thunder.

Failure, damage or breakage due to moving after the assembly, construction and final inspection.

Others, if the equivalent thereto.

5> Insurance system

■ Production sponsorship liability insurance

We have product liability insurance covering all products. If in the use of our products an accident occurs due to negligence of production, a responsible assurance will be done.