

PLYDECK FREQUENTLY ASKED QUESTIONS

1. What type of material is Plydeck?

Plydeck is a high-density fiber cement product reinforced with PVA fibers, which gives it high-mechanical resistance, durability, and resistance to moisture and weather.

2. What are the sizes of Plydeck?

Plydeck has the following sizes: Thickness: 0.98"

Width: 5.9", 9.4", and 11.7"

Length: 12 feet

3. What is the capacity of Plydeck?

Plydeck has a service capacity of 2000 kg (4,400 lbs)/m² (distributed load). In the case of point loads, it resists 76 kg (167 lbs) for 5.9" wide, 121 kg (266 lbs) for 9.4" wide, and 151 kg (332 lbs) for 11.7" wide. All these calculations take into account a 1.33 feet separation on the structure

4. Is Plydeck overheated with sunrays?

The surface temperature that can be reached by Plydeck highly depends on the dye and on the finishing sealant itself (glossy or matte). If the installed deck is going to be in an area in direct contact with sunrays, then painting it with light colors –preferably with thermal paint, is recommended. Its performance is similar to wood –mainly if dyed with dark colors.

5. What is Plydeck's resistance to abrasion?

It is highly resistance, but it requires periodic maintenance –just like any other decking, by sealing it at least once a year, and by cleaning and sweeping the floor.

6. What is the guarantee of Plydeck?

Plycem offers a guarantee of 20 years and it covers the Plydeck pieces used in the construction sector for the applications approved by Plycem.

7. What are the advantages of Plydeck compared to those of wood?

The main advantages of Plydeck compared to those of wood are the following:

- Resistance to fire
- Resistance to plagues
- Resistance to moisture
- It does not rot, and it is not affected by fungi.
- It has the look and the workability of wood, but it has the resistance of cement.
- Maintenance is lower due to the durability of the product.
- It does not lose its shape.
- Low cost.
- Plydeck experiences less discoloration throughout time

8. What are the advantages of Plydeck compared to those of wood-plastic composite wood (WPC)?

Plydeck has the following advantages compared to synthetic materials:

- Plydeck is a less expensive system.
- It gets less hot with the sun (3-4 °C less / 37-39°F less).
- Synthetic decks cannot be installed in areas where temperature changes constantly.
- Care should be taken with synthetic decks in case of ash falling and hot charcoal since they may damage the surface.
- It does not lose its shape –as it happens with the composite. It does not require control joints for the thermal expansion that the synthetic one has.

9. What should be the separation of the structure for Plydeck?

The Plydeck structure should be installed with a maximum separation of 1.33 feet.

10. What type of structure is used for installing Plydeck?

A metal structure with anti-rust protection or treated and dry wood may be used. The structure used should be consistent with a structural design.

11. What separation should be kept between the Plydeck pieces?

Keeping a minimum separation of 0.23" between the Plydeck pieces is recommended. This will depend on the user or designer's preferences. In case of using clips, it will depend on their geometry.

12. How are the Plydeck pieces fastened to the structure?

There are two ways for fastening the Plydeck pieces to the structure: with screws (visible or hidden fastening), or with hidden fastening clips.

13. What tool is used for cutting the Plydeck?

A circular saw with wedge or diamond blade can be used for cutting Plydeck.

14. How many screws or clips are used per piece of Plydeck?

Twenty screws or ten fastening clips are used per 12 feet-piece of Plydeck.

15. What is the separation kept between the screws and the edges of each piece?

Screws should be placed at 1.2" from the long edge and at 1.57" from the short edge (at least).

16. What type of maintenance is required for Plydeck?

For Plydeck, washing and cleaning the decks once a year without letting leaves, dirt, etc. accumulate, is recommended. It should be periodically sealed with a protective sealant for floors.

17. What type of screws is required for Plydeck?

Stainless screws recommended by Plycem are required. If you want a good application and durability of the system, do not use any type of screws.

18. In what applications can Plydeck be used?

Plydeck can be used in applications such as terraces, pool areas, gardens, aisles, balconies, pathways, etc.

19. Can Plydeck be directly placed on a concrete floor?

Using wood or metal pieces with moisture-insulating dividers (rubber wedges or other material) is recommended when installing Plydeck on concrete floors in order to avoid damages throughout time.

20. Can Plydeck be used for fences, railings, or walls?

Yes, it can be used as long as the installation instructions are followed.

21. Can I use Plydeck to build stairs?

Plydeck can be used in stairs by following the same instructions used for floors. Placing the supports at 12" is recommended for stairs.

22. Can Plydeck be installed in beach projects?

Plydeck can be installed in projects near the beach. Using a galvanized steel structure is recommended. In case of using black steel, it should be protected with some high-quality anti-corrosion paint.

23. What type of products can be used for Plydeck finishing?

Dyes for fiber cement or weather-resistant paint can be applied to Plydeck. Using a protective sealant for concrete floors is recommended on this finishing.