

1 Project: 4 Problems 4 Solutions

Project : Tasigo Hotel

Location : Eskisehir/Turkey

Owner : Polimeks A.Ş.

Architect : GAD Architecture



We will consider this project made using solid wood. And show you the reasons why they must use Technowood.

Problem 1: Fire

This is a 100% wood façade hotel; all the façade items must be minimum A2 class fireproof material for safety. In case of an unexpected fire scenario if it would be a solid wood specie, they should be as dry as possible to prevent bending, and we all know that dry wood is a perfect material for our fireplaces.

By using Technowood as an A class fire resistant material for European, American and Russian norms, the architect easily solved that problem and avoid the risk of fire without compromising the design and warm look of wood.

Problem 2: Maintenance

In this hotel more than 50 kilometers long profiles and 15000 sqm panels has been used. If whole project made out of solid wood, most likely the maintenance should be made once every year.

In addition to that, for this amount of wood, the maintenance will take minimum 3 months. And since the natural wood can only accepts maintenance on dry weather it should be in Summer time for the location.

That means the hotel should be closed for façade maintenance on every summer. Since this is an unacceptable situation, Technowood solved the maintenance issues as well. Because the maintenance frequency on Technowood is approximately 5 years. And the maintenance will be so easy and fast.

Problem 3: Supply & Production Period

Gathering this amount of “teak” tree is itself a problem and takes time since nobody has 6670 m³ Raw Teak wood in stocks. We really couldn’t calculate the time needed for production of such a project. But we are sure that it will exceed 3 months. That’s the time span needed to produce whole project by using Technowood.

Problem 4: Nature Impact

For 6670 m³ Teak tree we need to cut down 22234 trees approximately. That means minimum 13,9 Hectares (nearly 14 Football Fields) of a Teak tree forest.

With Technowood, we only need 143 m³ Teak wood. That means nearly 477 trees.

We can say that for this particular project Technowood has saved 21.757 Trees and a forest area of 13,6 Hectares.

That shows us Technowood, is an indispensable material for sustainability.