

# Duco Paint VS PU Paint (Polyurethane Paint) I 12 Important Difference and Similarities

## Duco Paint VS PU Paint (Polyurethane Paint)

In this article, we will discuss the differences between **Duco** paint and **PU** paint and which one is a suitable option for you.

So, Let's start

### 1). Composition

**Duco** paint is a one-component mix that contains pigment and nitrocellulose.



Duco Paint VS PU Paint

on the other hand

**PU** paint is either solvent-based or water-based which comes either as a mono-component or by component.

### 2). Finishes

**Duco** paint is available in high gloss and Matt finish.

**PU** is also available in glass and Matte finishes but the gloss

finish level achieved in **PU** is better than in **Duko**. The Matte finish is more soothing in **PU** when compared to **Duko**.

### **3). Colour Retention**

**Duco** paint when exposed to sunlight for a longer duration it becomes slightly yellowish.

Whereas,

**PU** paint when applied indoors it stays the same. Some shades of **PU** tend to become a bit darker over a period of time but only if they are exposed to direct sun.

### **4). Durability**

**Duco** paint has excellent durability.

Whereas,

**PU** paint is much more durable than **Duco** paint.

### **5). Time for drying**

**Duco** dries faster, so it is preferred by most house Painters.

Whereas,

**PU** paint takes more time to dry.

### **6). Metallic Finishes**

**Duco** paint offers low quality than **PU** when applied on metallic surfaces.

Whereas,

**PU** is a premium quality that gives the upper hand in high-quality metallic effects on metal surfaces.

### **7). Strength**

Both paints are stronger but **PU** has a better strength compared

to **Duco**. It takes more time to dry but once it is dried it is more robust.

## 8). Flammability

**Duco** paint is highly flammable.



Duco Paint VS  
PU Paint

on the other hand,

When compared with **Duco** paint, **PU** is less flammable.

## 9). Environmental Safety

**Duco** paint is not very environment-friendly as it is solvent-based and an exhaust system is needed during application to extract the solvent that flashes off the surface.

on the other hand

**PU** paint is safe for children as it is free from volatile organic compounds.

## 10). Expertise



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**Duco** paint requires expertise.

Whereas,

**PU** paint calls for Greater expertise and cares well painting.

### **11). Use**

**Duco** paint can be used on metal surfaces wood, MDF, HDF, WPC board, etc.



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It is used for painting automobiles, kitchen and bathroom cabinets, wardrobes, heavy equipment, architectural and industrial metal structure, etc.

Whereas,

**PU** paint can be used on plastic, glass, metal surfaces, wood, MDF, HDF, WPC board, Etc. **Duko** and **PU** both can be used on interior and exterior surfaces but **PU** is more reliable than **Duko**. So many people prefer **PU** for Exterior painting. PU has a greater level of protection against moisture and heat.

### **12). Cost**



## Duco Paint VS PU Paint

**Duko** paint is less expensive than **PU**. The rate of **Duko** paint is approximately Rs.160 to Rs.290/sq. Depending on the type of surface on which you are applying it. this cost is including material and Labour.

For example,

If it is plywood or solid wood then the rate shall be more. Because a lot of sending needs to be done. and if it is MDF or HDF then the rate shall be less as the base surface is already smooth.

on the other hand

**PU** paint is very expensive. it's almost twice the cost of **Duko** paint. The rate of **PU** paint is approximately Rs.300 to Rs.400/sqft including material and Labour.

### 13). Process

The process for **Duko** paint and **PU** paint is the same. First comes the

Dent filling



then, Sanding with 120 no. sandpaper



then, primer



Sanding with 150 to 300 no. sandpaper



First coat of Duko/PU paint



Sanding with 150 to 300 no. Sandpaper with water



The final coat of paint↓

Only the change in the case of **PU** paint is after this process one or two extra layers shall be required for **PU** paint.

**Still, you are not able to make a final decision then here are the final words,**



## Duco Paint VS PU Paint

If the budget is not a constraint and you required superior, high-luxury finishes then opt for **PU** coating. It will also last longer and the color does not fade or become yellowish. Especially used in an area with high traffic and heavy usage **PU** will last longer. The polymer coating in **PU** is very hard & strong & offers exceptional wear resistance making it the more durable option too.

Opt for **Duco** paint if you have a budget constraint or are planning to Redo the decor after a few years.

I hope this article will definitely help you to choose to make the correct choice between **Duco** Paint VS **PU** Paint.

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