

Luxteel[®] - Plastisol

Guaranteed product with outstanding durability and performance for harsh environment.

Product Overview

For a super durable product, it's hard to beat Luxteel[®] Plastisol from DONGKUK STEEL. It is specifically developed for roof and wall cladding applications. It provides exceptional colour fastness, corrosion resistance, high flexibility, good formability and scratch resistance. And Luxteel[®] Plastisol is a phthalate-free paint system of 200 micron topside on a galvalume, Hot-dip galvanized steel substrate for superior lifespan.



Core Advantages



Maximum durability

Luxteel[®] Plastisol pre-painted steel combines outstanding performance with exceptional durability. You can rest assured that Luxteel[®] Plastisol is built to last - and exhaustive testing proves that it does. With its market-leading performance, Luxteel[®] Plastisol is suitable for many different construction applications.



Excellent corrosion resistance

It utilizes special metallic coated protective substrate that provides superior high levels of corrosion resistance.



High aesthetic appeal

10 standard colours are available in the palette, and all other colours can be accurately matched. The leathergrain pattern embossed surface offers a robust and aesthetically pleasing finish.



Eco-friendly

Luxteel[®] Plastisol paint is free from potentially harmful phthalates and heavy metals to form a top coat system that out performs standard plastisol systems.



Warranty

Proven by scientific testing, we stand behind our Luxteel[®] Plastisol with a comprehensive warranty for upto 30 years, subject to the conditions of the warranty, correct application and installation.



Heavy Industrial



Commercial and Residential



Agriculture

Specification

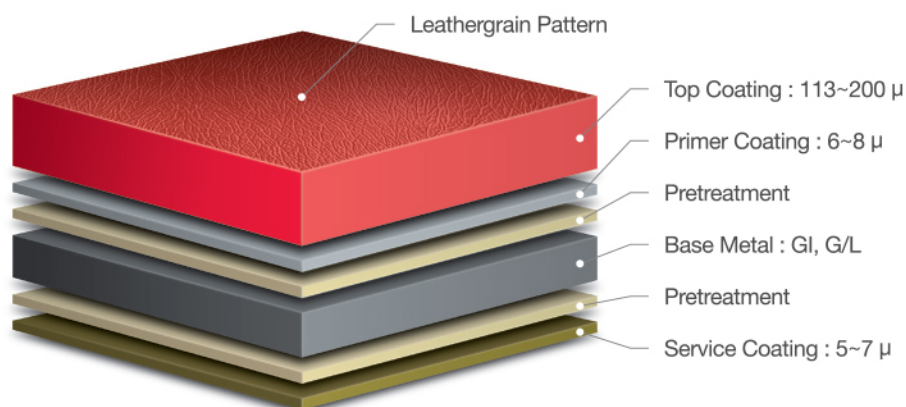
• Description

Thickness	200 microns
Color	Specific color on request
Appearance	Emboss
Production Size	- 0.3~1.2mm - 1,000~1,500mm

• Performance

Adhesion		4 point (Cross 5mm and Ericson 6mm)
Resistance to cracking on bending		≤ 1.5T - Bending Test
Impact resistance		No crack (1/2" × 500g × 50cm)
Surface "Pencil" hardness		4 to 6B
Corrosion resistance		1,000 hours (In salt spray test)
Humidity resistance		1,500 hours
UV resistance	QUVA 2,000hrs	Color deviation Delta E : ≤ 3
	European EN 10169/2 category	RUV4
Resistance to acids and bases		Good
Resistance to solvents	Aliphatic and alcohols	Very Good
	Ketones	Low
	Aromatics	Good to Very Good
Resistance to mineral oils		Very Good

• Product Layer



Color Palette

