

# Steel Corrugated Sheet Finish Comparisons

The table below shows a quick comparison of the main finishes. Green Highlighted Boxes are the best options, whereas red are not as desirable.

	Steel Sheet Finish		
	Galvanised	Polyester Paint	Plastisol
HD Zinc Galvanised	YES	YES	YES
Primer Painted	NO	YES	YES
Variety of Colours	NO	FEW	MANY
Expected Life Span	10 Years	15 - 20 Years	30+ Years
Easily Marked	NO	YES	NO
Anti-Con Available	NO	YES	YES
Fade Resistant	NO	NO	YES

## Galvanised Steel

Now the base material for the Polyester and Plastisol roofing sheets, galvanised steel sheets have been used for over 100 years.

As long as the material is fitted and treated properly then it can last a number of years, however the material is very susceptible to corrosion especially the steel underneath the zinc coating. Galvanised steel sheets can sometimes be confused with stainless steel, however it is important to note these are different products.

## Polyester

Polyester is a very useful for agricultural uses as it has been stated as an acceptable material by a number of agriculture authorities. Polyester is also a cheaper alternative for roofing than other materials available. Polyester is coated upon zinc-coated steel in accordance to BS EN 10147. This type of roofing has a medium lifetime and should be recoated every five to ten years or less if there is pollution.

When handling polyester care must be taken as the polyester coating can easily be scratched. Also sheets should not be slid against each other as this can also cause wear in the surface coating.

## Plastisol

Plastisol sheeting is a very high quality galvanised steel sheet with a primer paint and the PVC rolled onto it giving a very durable sheet, that doesn't fade or scratch easily and with an expected lifespan of 30+years.

**Fire:** When tested, Class 0 in accordance with building regulations BS476 part 6 1989 and Part 7 1987

