

Bulletin No.11 – Updated August 2025

ColorCote® Plus (Chemical Resistant) Paint Range & Colours

What is it?

ColorCote® Plus Paint is a flexible exterior waterborne thermosetting acrylic paint system that delivers added protection against chemicals or pollutants in specifically chemically corrosive environments.

Colour availability – Only available in 4 colours

Titania, Gull Grey, Grey Friars & Ironsand.

(Sufficient lead times should be provided to ensure availability of paint stock)

Typical environments where ColorCote® Plus paint should be considered.

Suited to applications such as airports, service stations, indoor swimming pools or certain geothermal environments. Below is a brief description on the why:

Airports – All commercial airports are exposed to aviation fuel dumps which usually occur on the roofs of the buildings within the flight paths – a case-by-case approach is typically taken when recommendations are given to determine the risk & proximity of the roofs/cladding to these flight paths.



Fuel Stations – Petrol & Diesel fumes typically rise and end up accumulating on the underside of the canopy of the fuel stations. Long term exposure of such a nature can negatively affect the long-term durability of standard paint coatings.



Indoor pools – Chlorine vapors are typically found in these types of environments & could impact the durability & performance of standard paint coatings negatively – Double Sided Plus in MagnaFlow™ is the typical default recommendation within these environments, however a case-by-case approach is always taken to determine risk.

Wastewater Treatment Plants – due to the corrosive nature of the environment, primarily driven by chemical reactions (like hydrogen sulfide forming sulfuric acid), microbial activity, and harsh environmental conditions. These factors can cause the paint to degrade, leading to exposure of the steel to further corrosion, however, a case-by-case approach is always taken to determine risk when warranty recommendations are completed.



Abattoirs – Ammonia is widely used in large-scale refrigeration systems in abattoirs as well as Chlorine and peracetic acid are common disinfectants used for water and surfaces and can all impact the performance of ColorCote® painted steel substrates, so a case-by-case approach is always taken to determine risk when warranty recommendations are completed.

Certain Geothermal environments – These environments usually carry a high concentration of airborne sulphur vapours & could impact the long term durability & performance of standard paint coatings on our substrates – A case by case approach is taken to determine the most suitable substrate (ZinaCore®, MagnaFlow® or AlumiGard®) in conjunction with the Plus paint coating & whether double sided is required or not based on risk. If the environment is not deemed suitable for any of our substrates, it will not be warranted.



Environments where ColorCote® Plus paint will not be considered – Quarries

Concrete – Fresh concrete & the surrounding dust vapours has a very high alkalinity (pH around 12–13) which can degrade the ColorCote® paint systems & end up exposing the bare steel over time causing eventual perforation.

Limestone – Limestone is naturally porous and absorbs water, salts, and pollutants. These act as electrolytes, accelerating corrosion when in contact with steel.

