

On-site Storage Instructions

Polyester Powder Coated Materials

In accordance with industry best practice please note that:

All polyester powder coated products that are stored outside should be covered with a tarpaulin or similar to guard against water ingress into the protective polythene wrapping.

Alumasc's British Board of Agreement certificate also advises coated products should be stored under cover and away from the possibility of impact and the effects of the weather.

If not stored correctly a phenomenon known as "blanching" can occur on PPC coated items under certain conditions. If water becomes trapped within the polythene wrapping and left exposed to sunlight and humidity changes through daylight and night time, any moisture or condensation trapped can be forced into the coating and the result can be a surface colour change similar to that seen during a permeability test.

AkzoNobel have confirmed there is no detrimental effect to the powder film and controlled reheating of the component can usually rectify the appearance.

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Galvanised Steel Materials

In accordance with industry best practice please note that:

If galvanised steel products are not stored correctly, they can be affected by corrosion, also known as "white rust".

Suitable provisions must be made during transport or storage to reduce the risk of white rust. All Galvanised steel products must be stored inside or under cover, in a clean and dry environment and free of any chemical interaction.

Rapid temperature changes lead to condensation and as a consequence can lead to white rust on galvanised steel. So all stock must be kept in constant temperature over dew point.

All stocks must be kept on wooden or metal pallets to avoid ground contact. It is best practice to avoid storing galvanised steel material outside. However, if this is unavoidable, the below precautions must also be taken in addition to the above steps:

- Build a simple frame around the packets or coils and cover them with a waterproof film, tarpaulin or similar cover. Allow for space between the packets or coils and the waterproof cap so that air can circulate freely. Stock the packets without ground contact at a slight incline so that the rain can drain of the cap.
- Check the stock area regularly in order to avoid wetness of the material. Be aware of the fact that all articles (stored at bottom, top or centre of a pallet) might get wet because of the condensation and this water may not be able to flow away.
- Keep the period of outside stocking as short as possible especially during the summer season as the elevated temperatures speed up the white rust process.

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ALUMASC WATER MANAGEMENT SOLUTIONS

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