



STORAGE CONDITION / SHELF LIFE

The storage and handling of powder coatings is simple, but still requires some guidelines.

Powders should not be subjected to hi-heat. Summer transportation and winter storage near a heat source could trigger a reaction within the containers. During transport, avoid stacking powder coating skids too close to the trailer roof.

Also, avoid any hi-humidity storage facility. We recommend 75°F (23°C) at no more than 55% RH. This will ensure a consistent free running powder.

Under these conditions, typical powder coatings will have a shelf life of at least 12 months. Always refer to the product's Technical Data Sheet for more specific information.

FACTS ABOUT POWDER COATING STORAGE

Powder coatings are not formulated all the same and poor storage conditions will affect them to various levels within the same time/condition period.

A powder with a faster curing mechanism will be more severely affected by heat and in a shorter period of time under storage conditions other than recommended.

Powder subjected to temperatures neighbouring 30°C will at first start to agglomerate, this could happen within one month and subsequently will begin to show signs of orange peel. This is due to a chemical reaction that is initiated in the powder container.

Thermal shock is also to be avoided as this could set the powder to reach dew points that ultimately will make the powder moist, lumpy, hard to fluidize and spray. Always bring a few powder containers in the spray room a few hours before production if the temperature differential between the spray room and the powder warehouse is important. (+ 10°C).

Should you require any additional information, please contact your Protech's representative.