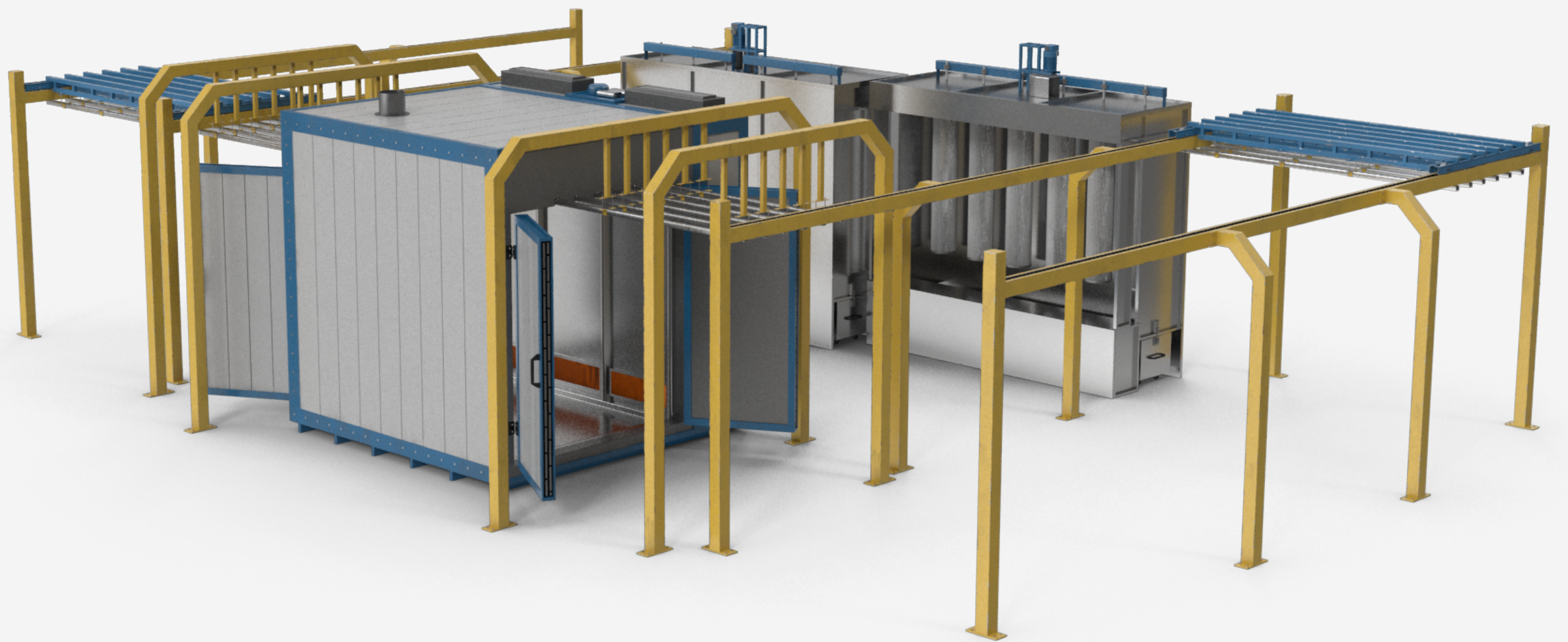


Polyester Powder Coating

The stages of our Architectural Powder Coating Production



AkzoNobel



Jacksons Fencing



■ **Step 1 - Removing Imperfections & Cleaning:**

Products are hand fettled to remove imperfections. They are then acid cleaned to remove rust and oil in preparation for later stages.



■ **Step 2 - Rinse Cycles:**

The acid is rinsed off in two wash cycles to ensure that it is all completely removed from the product.

■ Step 3 - Polymer Application:

A polymer is applied to enhance adhesion and durability. The surface is then meticulously rinsed using demineralised water to remove any excess polymer. Both our polymer and powder are of architectural grade.





■ **Step 4 - Oven Drying:**

The product is then passed through an oven to dry before the powder is applied. Multiple checks are performed at every stage to ensure quality management.

■ Step 5 - Powder Application:

Powder is applied by 6 fully automatic reciprocating electrostatic powder guns. Small, hard-to-reach areas are visually checked and sprayed. Our pre-treatment, quality control and application processes have been tested by AkzoNobel and conform to Approved Architectural Status.



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■ Step 6 - Curing:

For the final stage, the product goes through the curing oven, where the temperature is between 180-200 degrees centigrade. This allows us to offer a 25 Year Service Life Guarantee.

Read more by clicking the link in the caption

www.jacksons-security.co.uk