



## **Scoop Of Build**

Self-contained area where auxiliary components (Door, Window Shutters & Nose Cones) are sprayed in compliant coatings to feed main production of mobile/static welfare accommodation. The facility will incorporate a conveyor-based handling system together with a gas-powered drying room to improve operational efficiency, quality and health and safety.

## **Reasons For Development**

Groundhog's manufacturing output has increased significantly over recent years, placing additional demand on the existing paint facilities. The current arrangement requires both paint operatives to share a single spray booth for both main unit shells and auxiliary components, creating operational constraints throughout the production process.

The existing layout results in:

- Production delays caused by shared use of a single spray booth.
- Reduced opportunity for quality inspections due to time pressures within the working day, leading to avoidable rework.
- Excessive manual handling of painted components as they are repeatedly moved into and out of the spray booth.
- Inefficient utilisation of labour and equipment, restricting future production growth.

The proposed development is required to remove these constraints and provide a more efficient and resilient manufacturing process.

## **Operational Improvements**

Upon completion of the development, the existing spray booth will be dedicated solely to painting the main welfare accommodation shells. Two units will be loaded into the booth each morning, allowing a single paint operative to complete the daily shell spraying programme while leaving the units to dry overnight.

The new spray booth will be dedicated exclusively to auxiliary components. Components for two production units will be processed each day using an integrated conveyor system, moving items through the paint application stage, flash-off area and gas-powered drying room before returning them directly to production.

This separation of activities will:

- Increase production efficiency by eliminating conflicts between shell and component spraying.
- Improve product quality through additional inspection and rectification time.
- Reduce manual handling, improving employee safety.
- Improve workflow and production scheduling.
- Provide additional manufacturing capacity to support future business growth.



## Environmental and Future Benefits

The proposed facility also supports the company's longer-term environmental objectives. The dedicated paint process has been designed to facilitate the future transition from compliant solvent-based coatings to water-based paint systems, reducing volatile organic compound (VOC) emissions and improving the working environment for employees.

The investment therefore represents both an operational improvement and a future-proofing exercise, enabling Groundhog to continue expanding its manufacturing capability whilst reducing its environmental impact and supporting more sustainable production methods.