

OPENING DOORS BRINGS OPPORTUNITIES FOR THE DOOR GALLERY AND HI-TEC SPRAY LTD.

The Door Gallery is famed for its extraordinary portfolio of doors encompassing contemporary, traditional, period, flush and countless others. The quality has pushed the Company to continued growth since 1990 and has enabled them to address the benefit of state-of-the-art production plant- not least, the spray facility.

In phase 1, of a major 3-phase upgrade to their paint plant, surface coatings specialist Hi-Tec Spray Ltd., (HSL) have designed and installed a Dry Filter Extraction Unit Spray Booth equipped with a heavy duty, floor mounted, push-travel conveyor system at an estimated cost of £13k.

The conveyor addresses the physical handling of doors that can weigh up to 100kgs each. Instead of constant manhandling of doors during transfer to and from the spray area and during spray time, up to 50 doors can now be located on separate cradles on the conveyor that spin through 360° degrees. This enables easy and safe movement to the spray area and fast and efficient spraying of both sides. On completion, the doors are spun through 90°, gaining considerable storage “air space”, and manually conveyed from the spray area to dry.

The dry filter extraction unit measures 3000mm wide x 3000mm high x 1000mm deep and is equipped with a quiet, high efficiency, extraction fan and filter media that meet HSE and HSG178 standards.

Phases 2 and 3 will isolate the spray area at the same time as creating a preparation area and drying room.

Hi-Tec Spray Ltd. supply more than application equipment and plant in isolation. They also develop a partnership with their clients to design and develop turnkey systems, where, on the one hand – individual components work well independently, and on the other – collectively fit together like a glove. They are one of few companies able to pull both sides of the industry together to deliver that total professional solution



Caption: Hi-Tec Spray's high efficiency spray booth with heavy duty, manual conveyor track in operation at The Door Gallery.