Graco Story: Therm – O – Flow





Jovitall S.L. is a ceramic tile manufacturer located in Spain. They were applying a 2 component PU product to a fixed mesh on the back of safety tiles. The application of a PU product is used to avoid accidents if tiles get broken when being placed as technical wall frontage to buildings. However, curing time of the 2 component PU product was very long and stock too high which represented a lot of money. Jovitall needed a fast curing product, so that delivery could take place as soon as possible after finalizing production.

Completely automatic solution

Graco's partner, Domo3, offered Jovitall a completely automatic solution by installing a Graco Therm-O-Flow™ 200 Lt with a 6-zone temperature control. The Graco Therm-O-Flow is connected through a heated hose to a robot with multi-orifice head which applies the multi-bead on the tiles over the mesh. The reactive PU product is applied at 160°c and cures in seconds.

Reducing stock

Jovitall is very satisfied with the solution. By using the reactive hot-melt PU product, the tiles can be delivered the same day as they are manufactured, thus reducing stock. The quality of the reactive hot-melt is very good and Jovitall is reassured that if tiles get broken during placement, the broken parts will not cause any accidents.





GRACO

END USER

Jovitall S.L.

Industry market sector Construction, Ceramic Tiles Manufacturer

CONFIGURATION

1K Graco Therm-O-Flow 200 with 6 heated zone under control. Graco Pneumatic Ram with ratio 23:1 4.5 meter Graco hose ¹/₂" Multi-orifice head from Robatech

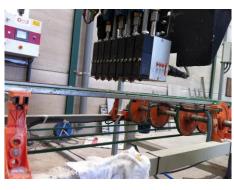
APPLICATION

Safety Tiles for technical walls

Typical properties

Material is a reactive PU hot-melt applied at 160°. When the PU is in contact with air and room temperature, the curing process starts immediately. Tiles can be removed in less than 20 seconds.

GRACO Equipment Therm-O-Flow







GRACO Distributor

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