



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.

## END USER

Jovital 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 ½”  
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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