



Freeman France, a subcontractor of Cameron, is based in South of France at Beziers. They specialize in coating large or oversized pipes used in petroleum pumping plants. The automatic painting applications are done in Cameron's facility. Freeman paints pipes in very different sizes. This is done via a manual application, hot potting high performance paint.

### **The same viscosity all year long**

The local Graco distributor, JJB, suggested that Freeman use a 2-component fixed ratio Graco XP70 4:1 unit to save paint and solvent, to secure mixing and avoid handling. The pot-life of the material is 1 hour at 20°C. After this time, the material manufacturer advises that the mixed material should not be handled by equipment. The relative long pot life means that the mix manifold can be kept on the unit which provides more flexibility.

The viscous base is maintained at a constant temperature of 30°C, which enables the same viscosity all year long. The large container of 76 l provides the painter with high autonomy.

### **Reduced labour costs & savings on paint and solvent**

"The consistency in coating quality is impressive. Now, we no longer have to deal with temperature impact on viscosity throughout the year and diluting by hand, resulting in various final finishes." says Mr. David Serre, the paint manager.

The new application has enabled Freeman France to save 30% of paint and 50% of solvent volumes. The automatic preparation of 2-component paint also reduces labour cost. A return on investment is expected after about 1 year.

## END USER

Freeman Industrie  
Route de Villeneuve  
34500 Béziers  
04 67 11 84 00  
serviceclients@freeman-industrie.fr  
[www.freeman-industrie.com](http://www.freeman-industrie.com)

## Industry market sector

Heavy industry for Oil and Gas

## CONFIGURATION

## APPLICATION

High Performance coatings on specialized pipes

## Material specifications

PPG Sigmashield 1200

## Typical properties

2 component abrasionresistant solvent free aine cured phenolic epoxy coating.

Single coat system designed for underwater hull of ice going and ice breaking vessels. Excellent abrasion and impact resistance.

Mix ratio 4/1

Pot life at 20°C : 1H

## GRACO Equipment

XP 70 with 2 heaters  
Flushing Kit 45/1  
Heated 76L tank heated  
XTR gun  
Tip 317, 519



## GRACO Distributor

JJB  
1 Rue du Progrès  
69800 St. Priest  
T: +33(0)4 72 33 02 79  
F: +33(0)4 72 36 09 96  
[www.jjb-diffusion.fr](http://www.jjb-diffusion.fr)

## Contact Graco

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