

HOW TO IMPROVE THE BLASTING EFFICIENCY AND THE ROUGHNESS PROFILE OF A MAJOR STEEL CONSTRUCTION MANUFACTURER ?

#1

Context

Our client is a major steel construction company, based in Thailand. They were using a mix of GP25 + S330 in an air blast chamber and were obtaining a roughness around 102 μm Rz. Today, the need to increase their blasting efficiency by reducing the blasting time, meeting a roughness profile around 40 – 60 μm Rz and saving the paint consumption.

#2

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Actions

- Technical support to help them to reach their requirements.
- Focus on their priorities (as above).
- Collect technical data on the progress through regular visits and by applying the 7 steps for Premium process.
- Comparative blasting trial on site between a mix of GP25+S330 vs PR058 on an identical work piece in 2 separate chambers, checking : Roughness, Blasting time and/ or productivity, Cost saving.
- Offered Premium product for air blasting Profilium PR058.
- Made conclusion by WA Cost Bronze.



from 102 to 68 µm Rz