

Case Study | Alstom - Resucoat HB & Resuseal WB



RSL provide solutions for transport environment

Project Description

Resucoat HB & Resuseal WB- Alstom: Resin Surfaces Limited (RSL) has recently completed a project with Reme Flooring for global transport company Alstom Transport TLS UK and Eire. Reme have worked with RSL for many years and believe in the high quality of product and good results which...

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Reme have worked with RSL for many years and believe in the high quality of product and good results which RSL produce. The flooring of the Alstom Train Care Centres at Longsight, Manchester, was badly worn and in need of refurbishment to ensure extra anti-slip properties.

The repair pit walls needed recoating to provide a clean and durable environment to repair the trains. After assessing the area, Reme Flooring specified RSL's Resucoat HB for the floors and Resuseal WB for the pit walls. The workshop floors and the pit walls both required surface preparation to ensure the area was free from contaminate which may affect the end result of the flooring installation.

Firstly the floors were vacuum shot blasted which is a proven surface preparation process for large areas; it provides an excellent mechanical key whilst simultaneously removing surface contamination. The next step was to abrade the pit walls. Abrading a surface will rid it of any old paint or dirt and will leave a substrate suitable for the product to adhere to. Resuseal WB was then applied to the pit walls. Resuseal WB is an epoxy resin coating which is hard wearing, provides excellent resistance to light chemical attack and does not support fungus or bacterial growth. It will also aid the cleaning and maintenance of the pit walls as they will become fully sealed and easier to clean.

The workshop floors needed to be marked out in different sections using yellow and grey coloured resin to define the work areas. Resucoat HB was chosen due to its long lasting and colour stable finish. This solvent free, high build coating is the ideal choice for industrial areas where atough, resilient, corrosion and abrasion resistant finish is vital. Alstom Transport needed the area to have an anti-slip finish therefore a bauxite aggregate was added to the Resucoat HB.

Paul Dines from Reme Flooring commented "When we were given the brief from Paul Crowley the Lead Buyer at Alstom Transport TLS UK and Ireland, the Sourcing Department we knew that RSL were able to provide us with the products to meet it. After working with RSL for a number of years we know what type of product and service we will receive which is important for jobs with short timescales such as this. The client was happy with the end result and we were able to provide them with a functional working area."

The end result was a successful flooring and wall installation in just two weeks. The products used fully met the specification to provide a functional environment for a busy train maintenance facility.

Products

Floor: Resucoat HB & Resuseal WB

