

REFERENCE

Special Machined Products, Sheffield

Application Field

- Floor coating – industrial systems

Structure Type

- Industrial buildings / halls

Brief Description

Special Machined Products Ltd, part of the SMP Group based in the heart of the traditional Sheffield steel industry required a tough, impact resistant floor finish for a new machine shop at their site on Bessemer Road.

Just under 1500m² of Remmers Heavy Duty Epoxy screed was installed and sealed with a durable and chemically resistant coat of Epoxy PH resin incorporating industrial aggregates to give long term slip resistance.

Main Problem and Requirements

The new machine shop was created within a redundant building that had previously been used for heavy processing. The concrete slab was severely damaged and required localised repairs up to 30mm thick prior to the resin flooring being installed.

The concrete was originally external so had no damp-proof membrane and was also heavily contaminated with oil.

Products and Systems Used

2 x Epoxy MT100
Nominal 8mm EP Screed Red
Epoxy PH Color TX
Epoxy PH Color
Full aggregate blind Quartz 01/03
Epoxy PH Color



Epoxy MT100, a damp and oil tolerant primer was used in 2 coats to seal the substrate prior to installation of the EP Screed system.

EP screed is a FeRFA Type 8 finish recommended for very heavy duty environments and is designed to withstand severe levels of load and trafficking.

Client

Special Machined Products

Installer

Capeland Industrial Flooring

Completion

Jan 2015