



Expect more from your floor.

Floor Renovation with Silikal Reactive Resins at Mannesmann Subsidiary Excentra in Fellbach near Stuttgart/Germany



Project information

Metal Working Industry

3

Mannesmann
engineering

Rexroth
Excentra

“Stretching ... Pressing

all giving the highly durable Silikal



Extensive renovations were the order of the day at the Excentra GmbH & Co. KG in Fellbach near Stuttgart, a metalworking subsidiary of Mannesmann-Rexroth: Around 7,000 m² of industrial flooring had to be systematically refurbished using a heavy-duty reactive resin coating from Silikal in Mainhausen near Frankfurt.

Everything at this highly specialized Stuttgart company revolves around “stretching ... pressing ... lifting ... moving.”

Excentra is a leading manufacturer of hydraulic components such as valves, pumps, pressure switches, storage safety blocks, hydraulic engines, elongating equipment and much, much more for the engineering industry. It also supplies technical factories with custom-made control blocks and hydraulic equipment offering capacities ranging from 5 to 30,000 litres.

The company expects as much from its floor as its customers do from its products. As part of a comprehensive overhaul of its plant, Excentra



g ... Lifting ... Moving”

reactive resin floor a real work-out

decided to completely re-coat all the floors in its plant with methyl-methacrylate (MMA) resins, a step which has proved invaluable since in daily operation. The floor has shown itself able to withstand the load of workers, machines and metal parts. It even holds up under the weight of electronic stacker trucks and other transport vehicles that drive over it all day long.

Not to mention the motor oil that often drips onto the floor. All this makes it especially important for the company to have a floor which is reliably

sealed, monolithic and seamless, particularly because the company is the first in the southern German state of Baden-Württemberg to fulfil the strict environmental standards in the DIN ISO 14000.

And last but not least, Excentra is a company that values a pleasant working environment for its staff of almost 175. With a floor from Silikal that always looks clean and inviting, the company has found what they were looking for. In their case, it was a hard surface in a soft, friendly, relaxing green.

Proven in the field
For over 55 years
On many million m²

Project Data

Object:

Plant of Excentra
Subsidiary of Mannesmann-Rexroth
in Fellbach near Stuttgart, Germany

Areas covered:

production hall with around 7,000 m²

Material:

Silikal methyl-methacrylate (MMA)
reactive resin system RU 747,
colour code RAL 6021



Photos: Fotoatelier Werner Schäfer, Koblenz, Germany



Your call – Silikal!
An overview of the advantages.

Hygienic and clean ...

- Monolithic, seamless surface
- Resistant to alkalis, acids, greases, oils, salts and other aggressive media
- Easy to take care of

Safe ...

- Anti-skid surface grades
- Wear and tear resistant
- Can withstand hot and cold

Quick and beautiful ...

- Extremely short curing times; no interruptions in business when renovations are made!
- Easy to lay, even at temperatures below zero
- Selection of appealing colours, e. g. with coloured quartz sand or flakes mixtures as standard



Silikal production and administration in Mainhausen, near Frankfurt/Main, Germany.



Certified Quality Management System
Cert. Reg. No. 73 100 663



Certified Ecology Management System
Cert. Reg. No. 73 104 856



Ask about our Colour Concept!

We see to the best solution.

The best solutions require know-how and experience. We can provide it.

When we go out on site to analyse a problem, we know what we're doing. Practical help, friendly and, of course, reliable.

Contact us. We would be pleased to go into detail with you – at no cost or obligation to you, of course.



Expect more from your floor.

Silikal GmbH

Reactive resins and polymer concrete for industrial floors and civil engineering projects

✉ Ostring 23
D-63533 Mainhausen

☎ +49 (0) 61 82 / 92 35 -0
☎ +49 (0) 61 82 / 92 35 -40
🌐 <http://www.silikal.de>
@ mail@silikal.de

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