

The benefits of polyurethane resin screeds as heavy-duty industrial flooring are well known. What has also become well known is that these systems are costly. It is a constant toss-up between an effective, long term solution and budgetary constraints.

By developing a locally manufactured system, Supaflor-PU HD, Verni-Speciality Construction Products has effectively made this excellent technology available to a much larger portion of the Southern African market.

Supaflor-PU HD is a heavy-duty floor screed system designed for industrial flooring which is subject to heavy chemical and mechanical service. It provides both slip resistance and ease of cleaning. It is typically used in areas such as chemical and food processing, brewing, heavy-duty traffic zones, engineering and metal process areas. The Supaflor-PU HD system also offers a number of user-friendly features from a construction programme perspective. These include fast application onto seven day old concrete or three day old

polymer screed, short curing times, as well as minimal joints as the system is monolithic.

Applied at a thickness of either 6mm or 9mm, the Supaflor-PU HD system also enhances the appearance of the floor area. It is available in a wide range of colours and delivers a level, mottled aggregate surface providing a light slip-resistant texture that remains easy to clean. Supaflor-PU HD 9mm is able to withstand thermal shock as produced by steam cleaning, which makes it ideal for food industry applications.

Application is fast and easy when compared to typical polyurethane systems which have a significantly higher aggregate content, with trowel applications requiring excessive labour.

Chemical resistance test results show resistance to a wide range of acids, alkalis, solvents and sugars. Supaflor-PU HD's ability to withstand high concentrations of sulphuric acid offers a major cost saving to alternative systems such as acid brick/ tiling systems. The

economy offered by Supaflor-PU HD, along with advantages such as resistance to chemicals, ultra-violet light, thermal shock, heavy-duty wear, fast application and the lack of requirement for sealer coats which wear off, means that it can realistically replace epoxy screeds completely over time.

Verni-Speciality Construction Products is a specialist manufacturer and applicator, therefore we can offer the benefit of no split responsibilities on guarantees. We undertake complete restoration of existing projects and can also offer a turnkey solution from design stage to completion of new projects. Based in Johannesburg our scope of our work extends throughout Africa.

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Verni-Speciality Construction Products (Pty) Ltd

## Seamless, heavy-duty Polyurethane resin floor screed

### performance flooring

A number of major features include:

- Fast application
- Can be applied to week old concrete
- Resistant to thermal shock (can be steam cleaned)
- Hard wearing (fork-lift traffic)
- Seamless
- Non-slip and easy to clean
- Excellent resistance to impact and wear
- Will not harbour bacteria growth
- Food grade (will not taint food products)
- Excellent chemical resistance

### commercial & industrial epoxy/polyurethane floor coatings and screeds

Verni-Speciality Construction Products (Pty) Ltd, is a specialist manufacturer and applicator of various resin floor coatings and screeds. Verni undertake complete restoration on existing floors, and assist from the design stage on new projects. Being both manufacturer and specialist applicator, there are no split responsibilities on guarantees.