

 **velosit**



semper velox



High Performance Floors

www.velosit.de

Industrial and commercial floors

Reactive resin-based flooring systems are not always the best solution for commercial or industrial floors, especially when high application thicknesses are required to level off undulations or unevenness. **VELOSIT** offers you the ultimate, economic and timely alternative to expensive epoxy resin underlayments.

VELOSIT SL 503 is a cementitious self leveling mortar used as an indoor or outdoor overlayment with exceptional properties. The excellent workability allows you to create super flat floors and the rapid, shrinkage compensated strength gain allows foot traffic after 3 hours and pallet handlers or forklifts as early as 6 hours from the application.

For even smoother finishes we offer **VELOSIT FH 921**, a floor hardener and surface enhancer which can be polished to a glossy finish just a few hours after installing **VELOSIT SL 503**.

VELOSIT FH 921 improves resistance against abrasion and aggressive liquids.

Alternatively, **VELOSIT SL 503** may be coated or sealed with decorative systems if a colored appearance is desired.

VELOSIT SL 503

High strength self leveling mortar 3-38 mm (1/8 - 1.5"). Compressive strength > 65 MPa (9425 psi).

VELOSIT FH 921

Surface floor hardener based on silicate / silicate to improve mechanical and chemical resistance of cementitious floors.

Also polished into VELOSIT SL 503 if required.

VELOSIT PR 303

Epoxy primer & vapor retarder for substrates with elevated moisture levels.



Rapid cementitious self leveling mortars

As a substrate preparation for various floor coverings the **VELOSIT** system offers exceptionally fast solution.

VELOSIT SL 502 can be used to create a level and durable substructure for many flooring materials. The self leveling is ready to receive breathable systems just a few hours after application. Non-breathable or moisture sensitive systems may be installed after 1 day.

Our binders **VELOSIT SC 252** and **VELOSIT SC 253** allow the production of self leveling mortars with local sand directly on the job site. Small areas can be leveled off with **VELOSIT FF 220** to a very smooth surface. Only one hour waiting time is necessary before installation of the flooring material.

VELOSIT SL 502

Self leveling underlayment 3-38 mm (1/8 - 1.5").
Compressive strength > 50 MPa (7250 psi).

VELOSIT SC 252

Binder for pumpable self leveling underlayments

VELOSIT SC 253

Binder for high strength self leveling overlayments

Screed systems

VELOSIT SC 244

Cementitious shrinkage compensated ready-to-use screed mix for the formulation of flowable screed mixes.

VELOSIT SC 245

Cementitious binder for production of flowable screeds with screed sand.

VELOSIT SC 241

Ready-to-use light weight screed with 40% weight reduction. 25 MPa (3625 psi) after 24 hours.

The cementitious screed binder **VELOSIT SC 245** reduces the waiting time for flowable screeds from 4 weeks to a few hours. Just the following day residual moisture values reach a level that is suitable for the installation of most flooring materials.

Tiles can be installed just hours after finishing the screed. For smaller areas we offer the ready-to-use screed mix **VELOSIT SC 244** which is formulated on the same basis. Sloped screeds can be designed using our semi-dry screed products **VELOSIT SC 240** to **242**.





VELOSIT is an innovative start-up organization. We combine decades of experience in R&D, production and consulting for high performance construction materials which are fully conversant with modern construction techniques.

Our mission is to make construction faster, easier and less tedious. **VELOSIT** products allow you to finish your project significantly faster without compromising on quality.

VELOSIT supplies the construction industry with state-of-the-art alternative solutions. Production “made in Germany” stands for uniform quality to the highest standards.

If you have questions – just give us a call!

We can individually tailor a suitable solution for you. Our service and technical support will gladly help.