AREAS OF APPLICATION

* INTERIOR & EXTERIOR USE
* SUITABLE FOR PERMANENTLY IMMERSED APPLICATIONS
* RE-SURFACE & LEVEL CONCRETE FLOORS
* REPAIR SURFACE DEFECTS
* STRUCTURAL REPAIR OF CONCRETE
* SELF LEVELLING SCREED

Specification requirements

Hychem Velosit SL502 is a cementitious self-levelling overlay for concrete substrates. It creates a smooth surface ideal for further applications such as sealers, coatings or toppings.

BENEFITS -

* Economical
* Can be applied by pump so large areas can be topped quickly
* Shrinkage compensated
* Seamless
* Fast curing
* High compressive strength (52MPa / 28 days)
* Can be coloured

SYSTEM - HYCRETE

* PRIMER (for trafficable areas) – following preparation apply a coat of Hychem GP epoxy primer and broadcast 100% with a medium grit quartz aggregate.
* SL502 TOPPING - apply by pin rake or trowel at the desired thickness. The product can be applied up to 38mm in one application.
* SEAL-COAT – you can apply an of Hychems “Deck” coating or waterproofing systems to the cured topping.

For areas that require repair or resurfacing where the slope of the surface may not allow for the use of a self levelling product such as SL502, Hychem offer a complete range of repair mortars and even lightweight mortars for slabs where weight loading may be an issue.

Preparation – industry standards

It is important that all new or old concrete surfaces are thoroughly prepared before the application of any coating system. It is highly recommended that any surface preparation is carried out in accordance with industry standards and publications such as NACE 02203 item No. 22420 or ICRI Technical Guideline No. 03732.

Product application – various

Application techniques vary depending on the product being applied and the film thickness of the system.

Sealers and coatings are normally either spray or roller applied whilst high build 1mm+ topping systems are usually applied by a combination of roller and trowel.

**Product & system selection**

Refer to each specific Hychem technical data sheet for more detailed information regarding the application of individual products or systems.

Hychem floors can be cleaned using a mechanical scrubbing machine or similar using alkaline based cleaning agents for best results. All floors should be thoroughly rinsed with clean water following this procedure.

Hychem offer a full system specifications service upon request.

Full product warranties can be provided by Hychem where required provided that suitable specifications are followed.