

Waterbased Aliphatic Solutions

Our innovative water-based aliphatic products, the AQUASMART®- TC range, are the recommended solution for protecting PU and Epoxy self-levelling floors. Easily pigmented with water-based pigment pastes, AQUASMART®- TC products can be used on a wide range of applications where UV, water and chemical protection is needed. They also display anti-stain properties and protect self-levelling cementitious flooring mortars.



AQUASMART®-TC 2K FLOOR PROTECT

AQUASMART®- TC 2K FLOOR PROTECT is a two component, water based, aliphatic coating with exceptional performance in a multitude of applications. The product is highly recommended as a top coat for the protection of epoxy and polyurethane self-levelling floors. AQUASMART® – TC 2K Floor Protect has excellent UV, chemical, water and abrasion resistance. The product provides epoxy and polyurethane floors with excellent resistance to staining and is easily pigmented with off the shelf water based pigment pastes in a 5-10% by weight ratio depending on the hiding power required.

AQUASMART®-TC 2K POOL PROTECT

AQUASMART®- TC 2K POOL PROTECT is a two component, water based, fully aliphatic coating with exceptional resistance to chlorine treated water as well as UV resistance in any color. A common problem in swimming pool waterproofing with epoxy systems is that over time the color instability of the epoxy coat gives a washed out look to the coating or even in the case of bad quality epoxies severe discoloration. The material is easily pigmented by using water based pigment pastes available in hardware stores. The product displays excellent adhesion to epoxy and polyurethane coatings. The rheology of the material also allows easy application in the vertical walls of the swimming pool. Finally the product displays excellent resistance to staining.

AQUASMART®-TC 2K ANTI STAIN

AQUASMART® – TC 2K-ANTI STAIN is a two component, water based, aliphatic coating with exceptional performance in a multitude of applications. The product is especially suited as a protective sealer on self-levelling cementitious flooring mortars. AQUASMART® – TC 2K-ANTI STAIN does not alter the color of the mortar and displays no discoloration even after continuous contact with water. Furthermore, the material has excellent resistance to staining from materials such as : tea, coffee, wine etc.



Alchimica Aliphatic Solutions

ALCHIMICA's aliphatic solutions expand on 3 different technologies, solvent-based, water-based and 100% solid products. They are fully aliphatic and provide excellent color and UV protection with no yellowing effects. They increase traffic resistance and assure high chemical resistance, forming the highest level of protection. Our aliphatic solutions can be part of both flooring and waterproofing systems.

Our aliphatic products provide solutions to the following applications:

- Top coats over flooring and waterproofing systems
- Stone Carpets binders, fillers and top coats
- Swimming pools and applications that require chemical resistance
- Concrete sealing
- Decorative and mineral concrete applications



HYPERDESMO® ADY-E

HYPERDESMO® ADY-E is ideal for color and traffic protection of HYPERDESMO® products. It has excellent UV resistance, it is fully aliphatic and shows no yellowing effects. It also has excellent chemical and mechanical resistance. HYPERDESMO® ADY-E maximizes the system's working life.

HYPERDESMO®- T

HYPERDESMO® - T, offers a unique solution in waterproofing applications over tiles, natural stones, verandas, balconies as a transparent waterproofing membrane and performs exceptionally as a binder in stone carpet applications. It does not yellow/discolor when exposed to sunlight, as it is fully aliphatic.

HYPERDESMO®-ADY-610 HYPERDESMO®-ADY-810

HYPERDESMO®-ADY-610 & ADY-810 are ALCHIMICA'S most novel single component, fully aliphatic main and top coat products. They incorporate our Humidity Activated Accelerator technology that allows single coat application for a consumption of up to 2kg/m², without any bubbling or shrinkages.

HYPERDESMO®-ADY-610 offers exceptional performance in waterproofing applications where pedestrian traffic is expected, while HYPERDESMO®-ADY-810 with a Shore A Hardness of 100, is suitable for heavy duty waterproofing applications such as exposed car parks and stadium stands.

