

## AKQUASHIELD B

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AKQUASHIELD B is a water-based catalyst-hardener for AKQUASHIELD protective, with satin effect, quick-drying, formulated for the protection of floors or walls treated with PASTELLONE Finish. Its natural, totally odourless composition makes it the natural complement for the CALCE finishing cycle carried out with PASTELLONE or LE FINITURE range by TCS.

- Environment Friendly
- Chromium-Free
- Radon Free
- Restoration
- Breathable
- Resistant
- Versatile
- Recyclabile
- Healthy
- Highly Adhesive
- Quik
- Light
- Reversible
- Easy
- Green Building
- Pollution Resistant
- Consolidating Treatment
- Waterproof



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### Fields of Application

AKQUASHIELD B should be used at 10% as a catalyst-hardener for AKQUASHIELD in the surface treatment of all those absorbent, natural Lime surfaces such as PASTELLONE, STORICAL MARMO OPACO-LUSTRO, INTOCIVILE 0.0, or on all those modern cement surfaces or Wood floors. The transparency of AKQUASHIELD does not alter the natural colour of the support, keeping the final colour unaltered but enhancing the workmanship and material appearance of the support.

## Application

AKQUASHIELD B must be mixed with AKQUASHIELD and applied when the substrate is completely dry. If the surface is not uniform in cohesion, not perfectly dry or with traces of oil, waxes, lithium silicate, varnish or paint, do not proceed with the application under any circumstances.

The application of AKQUASHIELD catalysed with AKQUASHIELD B can be carried out with a brush, a short-haired enamel roller, an airless tracer and must be done evenly in two coats.

The mixing between AKQUASHIELD B and AKQUASHIELD must be in the proportion of 10% by volume ( 0.25L can with 2.5L can ), it must be carried out in a continuous manner with a mixing drill and it must be incorporated slowly in a continuous manner keeping the dispersion constant, when the mixing is complete you can add up to 10% ( 0.275L ) of water if you want a better viscosity of the product.

After optimal mixing, proceed with the application of the first coat, spreading the product evenly. Before applying the second coat, wait until the surface is completely dry to the touch and at least 6-8 hours have elapsed since application of the first coat. The drying time may vary depending on the ambient humidity and temperature and the substrate to be applied. The second coat can be applied with a possible dilution of the mixed product in the ratio of 5% (0.138 l) of water if a better viscosity of the product is desired.

For correct use of the catalysed-hardened AKQUASHIELD product with AKQUASHIELD B, it is advisable to mix a fully usable quantity within the POT LIFE time of the mixture of 3 h, after which time the mixture must not be used under any circumstances. When the substrate is completely dry, approximately 48 h after application of the second coat, ANTICA CERA '500 can be applied as a maintenance protective coat.

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## Warnings

- Product for professional use.
- Do not modify the product.
- Store the product in a dry place, in the original unopened packaging.
- Consult safety data sheet before using the product.
- The data given correspond to the technical and applicative knowledge in our possession for an appropriate use of the product. We therefore recommend carrying out a prior practical test in order to check the suitability of the product for its intended use and consumption.
- Protect surfaces from atmospheric phenomena, sun, wind, rain and frost.
- Since our company is not the executor of the works and cannot directly intervene on the conditions of the building sites and the methods of execution of the works, the indications given are to be considered indicative and general, and therefore not binding for our company.
- Subtle shades of the colour are to be considered typical given the natural composition of the same, in the case of strong colours, any differences in colour are to be considered characteristics of the product, influenced in particular by the absorption of the substrates, atmospheric conditions and application and curing temperatures. Supplements of the same colour may show slight differences in shade due to the nature of the product.
- The company reserves the right to make any changes it deems necessary at any time and without prior notice.
- For further information and practical product demonstrations, please consult our technical service.
- Always refer to the latest versions of the data sheets available at [www.tcs-srl.it](http://www.tcs-srl.it).

## Technical Data

**PRODUCT TYPE:** AKQUASHIELD B Hardener-hardener for AKQUASHIELD satin-finish water-based protective coating for interior and exterior use

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**DENSITY** 1130 kg/m<sup>3</sup>

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**DRY RESIDUE** 81%

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**COMPATIBILITY** with AKQUASHIELD

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**2012 CE LIMIT VALUE OF VOC (cat. A/a)** 140 g/l Max VOCs Content 19 g/l

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**STORAGE** 12 month in the original packaging

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**REACH CLASSIFICATION** see SDS

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**PRODUCT TYPE:** AKQUASHIELD + AKQUASHIELD B catalyzed mixture

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**DENSITY** 1090 kg/m<sup>3</sup>

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**2012 CE LIMIT VALUE OF VOC (cat. A/a)** 140 g/l Max VOCs Content 100 g/l

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**DRYING** 20°C 60% RH to the touch 1h walkable 48 h

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**OVERCOATING (20 c, RELATIVE HUMIDITY 60%)** Min 6/8 h

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**WATER DILUTION** max 10%

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**POT LIFE** 3 h max (20°C RH 60%)

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**COVERAGE PER COAT** 7-8 m<sup>2</sup>/l each coat

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**GLOSS** 25/35 gloss

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**COMPATIBILITY** Compatible with Lime finishes, shaved or polished Marmorino finishes, Pastellone, hydraulic or aerated lime

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**APPLICATION** brush, satin hair roller for glazes, airless striper

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**PACKAGING** 0.25 l tin

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**STORAGE** 12 month in the original packaging

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**APPLICATION TEMPERATURE** from +8°C to +30° C

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**REACH CLASSIFICATION** See SDS