

## AQ PRIMER 2K Epoxy Concrete Barrier Primer

### AQ PRIMER 2K

#### Epoxy Concrete Barrier Primer

#### Product Characteristics

AQ Primer is phenalkamine epoxy base product. It was developed for use at ambient temperatures in two component epoxy resin systems. AQ Primer was designed for application on green concrete as a primer or primersealer. Unlike traditional sealers, a sealer based on this product does not need to be removed before further treatment. AQ Primer also meets the ASTM 309 requirement (water loss of 0.055 kg/m<sup>2</sup> maximum) for use as a concrete curing compound. Also for acrylic tennis court application on concrete subbase, its strongly be advised.

#### Advantages

- Excellent adhesion to green concrete
- Fast drying time
- Quick return to service
- Low VOC
- Mixes easily
- Can be brushed, rolled or spray applied
- Low formulation viscosity allows excellent penetration of concrete substrate
- Good through cure
- Meets ASTM 309 requirement for use as a concrete curing compound
- Easy to clean up
- Non-toxic and non-corrosive
- Moisture tolerant during cure

#### Product Use

- Primer/sealer for green concrete
- Primer for new or existing concrete
- Concrete curing compound
- Potable water contact coatings
- Corrosion protection

Colour: Clear amber

#### Product Properties (at 20° C)

Mass Density (approx.)	1,05 gr/cm <sup>3</sup>
Solids Content (% Weight)	99
Viscosity	900 cPs
Gel time	40-50 min.
Theoretical Consumption	0,300 kg/m <sup>2</sup> (1Layer)
Overcoat interval	Max 16 h

## AQ PRIMER 2K Epoxy Concrete Barrier Primer

### Processing Procedure

New concrete must cure for 21 days prior to application of color coatings. Repair of pavement surface defects, cracks, depressions and/or base coat (if necessary) must be completed prior to color coating applications. Pavement surface must be cleaned entirely of dust, dirt, mildew (if any) debris and all loose materials including vegetation. All repairs must be flush and smooth to adjoining surfaces.

### Application Procedure

- Mix two components and pour on concrete, apply with rubber blade squeege or roll on concrete.
- Leave the surface till it to be touch after dry for better adhesion.

Mixing ratios are as below;

AQ PRIMER 2K A Component	14 kg
AQ PRIMER 2K B Component	6 kg

### CONSUMPTION

Theoretical spreading rate: 0,300 kg/m<sup>2</sup> (Depending on surface permeability and porosity)per each coat.

Do not apply the material if temperature less than 14° C or over than 35° C.

### Important Note

**Coverage rates may vary depending on the surface porosity, ambient temperature and application technique.**

### Packing

14 kg Base + 6kg Hardener in tin cans.

### Storage

The product must be stored in sealed drums placed at indoor, dry warehousing spaces within the temperature range from 15° C to 35° C. Shelf life (warranty) is 12 months from the production date in cool and dry place. Don't leave the products outdoor exposed to the sun.

### Safety & Related Data

AQ PRIMER 2K is not hazardous when cured. No contains formaldehyde, asbestos, mercury, lead or chromate and derivatives. For detailed information related to safe gandling, occupational health and safety at work, please see the relevant product safety data sheet (MSDS).

### Note

The statements made on this technical sheet are believed to be true and accurate, and are intended to provide a guide for approved construction practices. Manufacturer does not make, nor does it authorize any agent or representative to make any warranty, express or implied, concerning this material as workmanship, weather, construction, equipment utilized and other variables affecting results are all beyond our control. Manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. In no event shall Manufacturer be liable for any injury, loss or damage, either direct or incidental, special or consequential, however arising, in connection with material or work performed. Manufacturer shall not, in any manner, be liable for any defects, variations or change in condition in the substructure over which its products are installed.