

## **Pro Guard PG 406**

*Interior & Exterior*

### **Professional Protection against Staining Agents**

#### **Chemical description**

**Pro Guard PG 406** is a specially adjusted, aqueous dispersion and acrylic acid ester-styrene copolymer, based with **Lithium Densifier HYDRO**.

It is thus a very stable and insoluble Premier sealer, which forms a perfect bonding to Coat 'n Seal.

#### **Mode of action**

**Pro Guard PG 406** provides excellent protection against all types of foot traffic and forklift tire marks.

Extremely durable, excellent protection against staining and is suitable for the extreme stresses of food industry situations.

Significantly reduces maintenance and cleaning costs.

A concrete surface that has been processed with **Pro Guard PG 406** is resistant to strong cleaning agents, alkali, solvents, oils and many acids.

**Pro Guard PG 406** is the base for a perfect polished floor.

**Pro Guard PG 406** treated surfaces are also resistant to UV radiation.

#### **Specifications (average values)**

Solids content: approx. 28,0 % 007 \*)

Density (20°C): approx. 1,25 g/cm<sup>3</sup> 042 \*)

pH value (10 %): approx. 10,8 008 \*)

Viscosity (20°C): approx. 28 mPas 053 \*)

\*) *Internal method code – description available on request*

#### **Properties**

- inorganic aqueous solution with low alkali content,
- good wetting and penetration,
- creates water and acid resistant gels,
- does not cause efflorescence
- good shelf life,
- solvent-free,
- non-flammable,
- heat-resistant,
- not susceptible to microbial attack

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### **Application**

**Pro Guard PG 406** is ideal for all natural stone floors (marble, granite -, terrazzo etc.) and all industrial flooring (concrete, cement-bonded Industrial flooring, industrial flooring resin-modified)

**Pro Guard PG 406** is used after the last diamond tool grinding/polishing step from 100 to 3000 grit.

Do not use Pro Guard if a honed finish is desired as the product will increase the gloss on all types of floors.

Depending on the absorbency and porosity of the floor to be treated apply **Pro Guard PG 406** undiluted.

Application is done using a pump up sprayer and microfiber applicator. Please pay attention to ensure a drip, streak free and even application.

Depending on the type of floor and ambient temperatures, please allow 2-12 hours curing time before applying additional coats (eg Coat'n seal)

Note: for best results – burnish between coats with an Ultra High Speed Burnisher and the HyperGloss or other appropriate burnishing pad.

### **Note**

Drums containing **Pro Guard PG 406** must always be kept tightly closed.

Adjacent areas of glass, ceramic, concrete, metal, and natural stone must be well masked before applying the product.

Any splashes must be removed immediately with water.

The tools must be cleaned with water immediately after use.

The addition of some Trilon B and caustic soda effects better clean-up.

### **Storage**

**Pro Guard PG 406** must be protected from freezing during storage. Its shelf life in tightly closed drums is at least twelve months,

### **Labelling / Safety**

Not classified as dangerous according to EC Guidelines and German Ordinance on Hazardous Materials (GefStoffV)..

See the safety data sheet

### **Packaging**

10 liter cube container / 120 liter drum / 1000 liter container