

# AM Home 2K



## Colour is a thing of yesterday! 2-component nano-scale coating with top cleaning properties

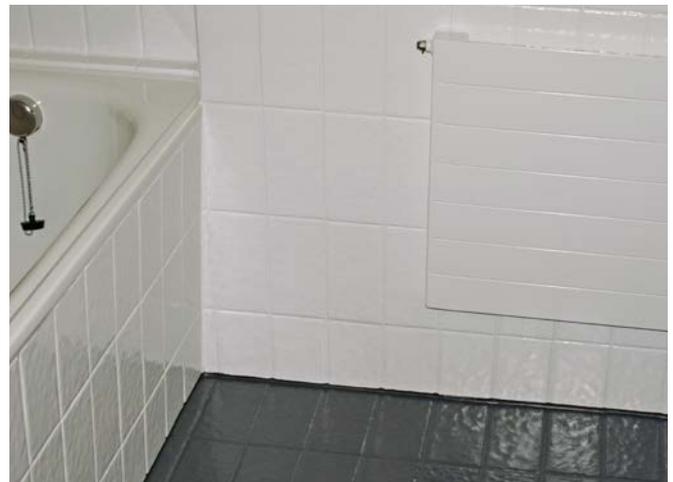
Easy-to-clean, single application coating with high resistance.

Can be used on concrete, tiles, metals, wood, cement-bound surfaces and old coatings.

### PROPERTIES

- ▶ Development of a permanent nanoscale surface
- ▶ Excellent cleaning properties with water, without chemicals and detergents
- ▶ Good gloss retention, UV and weather-resistant and light-stable colour design possible
- ▶ High mechanical resistance
- ▶ High resistance to frost, de-icing salts and chemicals
- ▶ High resistance to water absorption
- ▶ Very high adhesive strength and very good adhesion on old paint coats
- ▶ Single application in a single processing step without the need for after-treatment
- ▶ Simple processing through painting, rolling or airless spraying
- ▶ No undercoat and no additional protective coat required
- ▶ 2-component coating on the basis of polysiloxane-epoxy resin
- ▶ High solids content

### BEFORE - AFTER



## APPLICATION AREAS

AM Home2K protects and embellishes your investment. Due to its UV resistance also in outdoor areas and exposed locations.

- ▶ Protection of concrete facades
- ▶ Decoration of staircases
- ▶ Protection of garage walls and floors
- ▶ Garden walls
- ▶ Fibre composite boards
- ▶ Kitchen walls and bench tops
- ▶ Redesign of existing tiles
- ▶ Concrete floors
- ▶ Exposed concrete surfaces
- ▶ Concrete facades
- ▶ Window sills
- ▶ Graffiti protection of concrete surfaces

## COLOURS

AM Home2K is offered in different RAL colours. Special colour shades can be produced upon request.

## SPECIFICATIONS

- ▶ Bonding agent: polysiloxane-epoxy resin
- ▶ Solid body volume: >95% (very high solid)
- ▶ Target coat thickness: 120–150µm
- ▶ Productivity: 3–5m<sup>2</sup>/kg for 150µm dry coat thickness.  
The actual consumption depends on the roughness of the treated surface and the chosen application process.
- ▶ Degree of gloss: silk (34–39GE at a 60° angle)
- ▶ Thermal resistance: –20°C to +150°C
- ▶ Ready for use (thixotropic)

## PROCESSING

**IMPORTANT:** AM Home2K can be applied as a single or two coats. The second coat must be applied shortly after the first coat has dried.

### 1) SURFACE PREPARATION

- ▶ Surface preparation depends on the material to be coated. Under all circumstances, the surface must be free of dirt and grease and capable of bearing weight.
- ▶ It is usually not necessary to use primers, not even on ceramic surfaces.

### 2) APPLICATION

- ▶ Processing temperature (i.e. wall temperature): 10°C–30°C
- ▶ Maximum humidity during processing: 95%
- ▶ Mixing ratio: Base/hardener = 6.0 : 1 (part by weight)
- ▶ Can be diluted with alcohol, ketones and glycol ethers (Butyl acetate), maximum dilution 10%
- ▶ Pot life: approx. 4 hours
- ▶ Agitate Component A. Ensure correct ratio for Component B and thoroughly mix for a few minutes.
- ▶ Application of the coating through painting, rolling or airless spraying
- ▶ Spraying parameters: Material pressure, approx. 220 bar, spraying pressure about 180 bar, flat spray nozzle 17/60°

### 3) CURING

- ▶ Cures at room temperature
- ▶ Curing time at 20°C: touch-dry in about 2 hours
- ▶ Curing time at 20°C: completely dry in about 24 hours
- ▶ Through-hardened (completely cross-linked) after 7 days

## FORM OF DELIVERY

- ▶ Component A (base paint) and B (hardener)
- ▶ Containers: still open
- ▶ Storage life: At least 12 months, if stored in the closed original containers and in a cool, dry place. Must be protected against humidity and frost.

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