

## Wapex 660

**Waterborne, two-pack floor- and wall coating,  
based on epoxy resin for interior use.**

### General

Main properties

Waterborne.  
Chemical- and water-resistant.  
Impact- and wear-resistant.  
Non-flammable.  
Low odour.  
Good cleansability.  
Easy to apply.  
BAM approved for decontamination according to DIN 25415, part 1 (reference number 1.4 / 0848).

Use

The product can be applied on floors and walls made of concrete, cement plaster, gypsum carton or gypsum elements and is excellently suitable for rooms where no solventborne paint application is allowed.

### Application information

Application conditions

Air temperature: 10 – 35°C.  
Substrate temperature: 10 – 35°C.  
Paint temperature: 10 – 35°C.  
Maximum relative humidity : 85%.  
Use continuous air-circulation during applications when used indoors. At different temperatures different curing speed shall be recorded in order to reach full cure (to be judged during practice).

Mixing ratio

Component A: 80 parts by volume.  
Component B: 20 parts by volume.

Mixing method

Mix the components very thoroughly for 2 minutes by means of a slow running electrical drill fitted with a mixing paddle using approx. 200 RPM.

Pot life at 20°C

Approx. 1,5 hours at 20°C.  
Approx. 25 minutes at 30°C at 1 kg.

Application methods

**By roller and brush**  
Thinner: water.  
Percentage: first coat max. 10%.  
Second coat: max. 3%.

Cleaning of tools

Clean the equipment immediately with water

Advised layer thickness

The practical coverage depends on many factors, such as shape, surface roughness, and size of the repair to be made, nature of the construction and application method.

Recommended dry film thickness

Wall finish: 62.5 µm dry = 125 µm wet.  
Floor finish: 90 to 142.5 µm dry = 180 to 285 µm wet (sanded layer: 125 µm dry = 250 µm wet).

Coverage

Practical: as wall paint 8 m<sup>2</sup>/l (dry film thickness of 62.5 µm) and as floor paint 3.5 - 5.5 m<sup>2</sup>/l (dry film thickness of ± 90 to 142.5 µm per layer).

The practical coverage depends on many factors, such as shape, surface roughness, and size of the repair to be made, nature of the construction and application method, coarseness of the spreading agent.

Induction time

Not required.

Pot life (in 5 L-can)

Approx. 1,5 hours. Once the pot life expires, the product will start beading.

Can be walked on

After approx. 8 hours

Recoatable (at 20°C and 60% R.H.)

After approx. min. 16 hours and max. 72 hours

Fully cured (at 20°C and 60% R.H.)

Fully loadable after at least 7 days.

**Properties**

Gloss	High satin/ Semi-gloss Approx. 50 GU/60° (ISO 2813).
Density	Approx. 1,20-1,30 kg/dm <sup>3</sup> (blended product in white).
Solids content	Approx. 50% by volume. Approx. 63% by weight (blended product in white).
Chemical resistance	Resistant to water, water solutions, mild acids and alkaline solutions, road salts, mineral, animal and natural oils and fat. Resistance to other chemicals and solvents depends on type, concentration and temperature. It is recommended to ask advice prior to exposure.
Cleanability	Depending on the roughness of the surface, good with water and synthetic cleaners.
Abrasion resistance (Taber Abraser)	Approx. 70 ± 10 mg / 1000 cycles (CS-wheel 17 / 1 kg load) DIN 65182.
Decontamination properties	Wapex 660 has very good decontamination properties and is BAM approved according to DIN 25415, part 1.
Shelf life	Minimum 12 months in unopened, original packing and stored at temperatures between 5 and 30°C.
VOC (Volatile Organic Compound)	EU limit value for this product (cat. A/j): 140 g/l (2010). This product contains maximum 10 g/l VOC.

**Additional information**

Packaging	Per set in 1 l and 5 l (base + hardener).
Colors	Colorless, white and a large number of colors from the Sikkens color chart "5051 Color Concept" using the Acomix base paint concept. Only those colors whose ACC code ends with a (brightness) number of 55 or more are suitable for floor finishes.

**Systems****Pre-treatment**

The substrate must be sufficiently dry (< 5% moisture), load-bearing, cohesive and free from any cement skin. Remove dust, dirt, grease, mosaic growth, etc. Degrease with Polyfilla Pro S610 (consult the technical data sheet).

**Note :** In order to remove all residues of Polyfilla Pro S610 optimally and to neutralise them completely, it is recommended to clean afterwards with Polyfilla Pro S600 (add 35 ml to 5 L of water). For higher doses, rinse with water. The alkaline character of the Polyfilla Pro S600 will neutralize the acidic character of the Polyfilla Pro S610.

In areas intended for the storage of vehicles (garages), it is necessary to ensure sufficient roughness and porosity of the floor to be treated. If the screed is too slippery or too closed, the ground must be blasted or roughened to compensate for the suction effect of wet and/or warm tyres (suction cup effect). The car park may be put back into use at the earliest after at least 7 days of drying. This period should be extended to 15 days in winter.

Smooth and/or dense surfaces should be roughened by dust-free blasting or mechanical sanding.

Thorough dust removal is necessary.

Highly absorbent substrates must be moistened with water before applying the first layer of Wapex 660.



## Wapex 660

### Wall finishing

Apply a primer coat of Wapex 660 (max. 10% diluted with water).  
Finish in one or two coats with Wapex 660 (max. 3% diluted with water).

### Floor finishing

Apply a primer coat of Wapex 660 (max. 10% diluted with water).  
Prime once more with Wapex 660.  
Cover with Wapex 660.

### Health and safety information

Please revert to the Safety Data Sheet.