

## TDS and instruction

# Profloor EPW Paint

## Waterborne epoxy paint

Item no. 6691-s consisting of 6691/6171-

Water-thinned epoxy paint with long pot life.

### Areas of application

Used for painting of walls and floors made of concrete, eternit, wood, primed metal, previously painted substrates and the like. In addition also as marking and stripes on storage areas, parking bays, etc.

Suitable for painting substrates that are washed with cold water and pressure washer, and in places where high loads are expected, such as showrooms, food industry, workshop, wet room, etc.

### Features and benefits

Profloor EPW paint is a rich paint with good washability, scratch resistance and good chemical resistance. Easy to use.

### Substrate

Clean, dry, grease-free and firm substrate of e.g. concrete. The substrate temperature must be at least 10°C and above the dew point. The paint and the ambient temperature must be 10°C-25°C.

If the temperature is too high or too low, the fluidity and the drying and curing processes are affected, which can cause an uneven finish. If sludge is present, surfaces of concrete, mortar and plaster must be cleaned with acidic detergent, followed by rinsing with water.

Self-leveling concrete must be grinded and then primed with Profloor EP-Primer 525 before painting with Profloor EPW paint. Other porous substrates must also be primed with EP-primer 525 before painting, as they cannot be sufficiently saturated with Profloor EPW paint alone.

Screed substrates must have sufficient tensile and compressive strength. If the screed has been treated with curing or treated with products other than real epoxy primer, it must be grinded and primed with Profloor EP-Primer 525 before painting.

### Treatment

Profloor EPW paint is supplied in kits, reflecting the mixing ratio. If the entire kit is not mixed, the components must be weighed carefully. Mix components thoroughly with suitable mixing equipment, such as stepless drilling machine with mixing propeller or agitator. Avoid whipping air into the mixture.

Apply mixed components with a paint roller or paint brush. Two coats are usually applied. The second layer can be applied when the first layer is dry, after at least 4 hours and at most 48 hours. When using on absorbent substrates, prime with paint diluted with 10% water, before painting to coats of undiluted paint.

The mentioned information is based on laboratory experiments and practical testing at 20°C and 85% RH. If the temperature or humidity of the material, substrate or surroundings deviates from this, the product will be affected usage properties, as well as drying and curing times. A general responsibility for paint treatment cannot be given, due to the many caveats that may arise regarding the substrate, application method, etc. Where the consumption of a paint spans several batch numbers, these should normally be mixed together to avoid gloss and shade differences. It is the user's responsibility to obtain new and revised product sheets from time to time. We reserve the right to changes without notice. We reserve the right for printing errors.

**Type:** 2-component epoxy paint

### Chemical base:

Emulsified epoxy hardener and pigmented water-resolved epoxy resin

**Density:** approx. 1.4 kg/l ISO 2811

### Viscosity ready-mix (at 23°C):

Approx. 2500 cP

**Hardness/shore D:** N/A

### Pot life (at 23°C - 65% RH)

3 hours

### Consumption/m<sup>2</sup>/coat:

Priming: 0.15 kg + 10% water

Paint: 0.2 kg

depending on the substrate and method

### Application temperature:

Developed for use between 10°C-25°C

Min.: 10°C - Max. 30°C

### Humidity:

Max. 80% RH

Temperature in air and substrate must be 3°C above the current dew point

**Surface residual moisture:** < 4%

### Next coat (at 23°C and 65% RH)

After min. 4 hours and max. 48 hours

### Drying and curing time (at 23°C - 65% RH):

Light traffic after 24 hours

Fully cured after 7 days

### Adhesion: > 1 N/mm

(provided firm substrate)

### Storage:

Store at +5°+25° C, tightly closed and inaccessible to children

### Shelf life:

At least 24 months after production date (Batch no: yymmdd) with proper storage

**Mixing ratio:** 2:1 (A:B) w/w


**Kit sizes:** 6 kg and 12 kg

### Colors:

6 & 12 kg kits: 9010, 7035, 7038, 7040, 7042 and can be tinted.

6 kgs also in yellow, red, blue, green, orange, black, and white

**MAL-code:** ready to use: 0-5

**CLP symbols:** 

**CLP signal word:** Warning

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