

Denpox^m

Aqua (1-4 mm)

A two pack, solvent free waterbased epoxy flooring material. Denpox™ Aqua 1-4 mm is diffusion open and therefore it can be applied on new-poured concrete floors disregarding the content of moisture in the concrete. Denpox™ Aqua can also be used in areas, where you want to secure pressure equalization from steam outlet, for instance in basements or on magnesite bounded floors.

Benefits

- Waterbased High impact resistance
- Seamless and hygienic finish
- Very good chemical resistance
- Easy to clean and sterilise
- Low maintenance cost
- Attractive appearance
- High abrasion resistance
- Solvent free; low odour

Scope of use

- In basements
- On magnesite bounded floors



For more colors please see separate color chart.





Appearance

Denpox[™] Aqua is a smooth floor with a mat finish.

Life Expectancy

3 - 5 years.

Application

Aqua floorings offers excellent wearability, impact and chemical resistance. Denpox™ Aqua is easy to clean and maintain in a hygienic condition. Typical areas of use are basements and wet subfloorings where pressure equalisation from the influence of vapour, for example in cellars and magnesite-bonded floors, must be ensured.

Application conditions

Temperature 5°C to 30°C, best 15 to 20°C, max. moisture content in the concrete subfloor 5% by weight.

Temperature Resistance

Denpox[™] Aqua is resistant to temperature cycles up to 70°C. Extended periods at these temperatures and above will make material susceptible to chemical attack and abrasion wear.

Colours

Colours Available in a range of standard colours, see the "Colour Quartz" and "Colour" range.







Properties

Fully cured at 20°C Applied thickness Water Permeability Hardness

Hardness

Compressive strength Reaction to fire Bond strength

Temperature resistance

Thermal expansion coefficient

Abrasion resistance

Thermal conductivity
Slip resistance

Food Contact

Value

7 days 0,5 - 1 mm Diffusion open SHORE D 80 55 MPa

B₁-s₁

Up to 70°C at 4 mm

<38 ppm

50 mg / 1000 cycles (Taber Abrader)

< 0,6 W/m·K R9 – R13

No contamination

DenCoat™

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