

Denpox™ 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

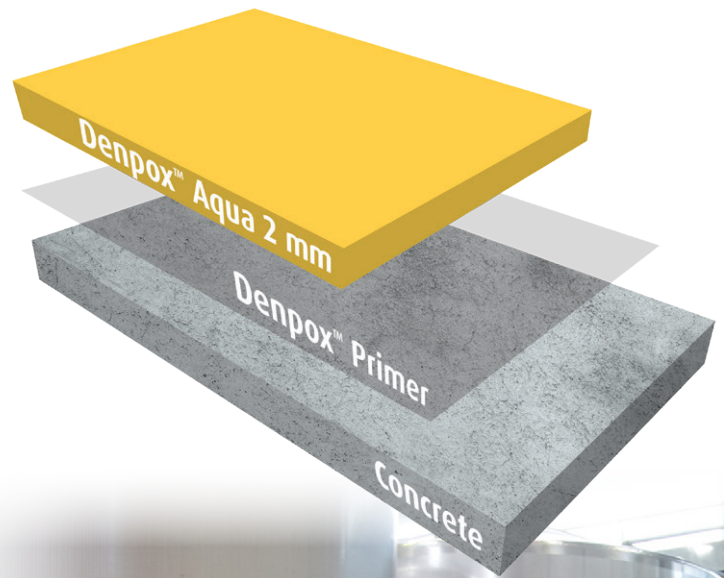
- Waterbased High impact resistance
- Seamless and hygienic finish
- Very good chemical resistance
- Easy to clean and sterilise
- Low maintenance cost
- Attractive appearance
- High abrasion resistance
- Solvent free; low odour

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	Value
Fully cured at 20°C	7 days
Applied thickness	0,5 - 1 mm
Water Permeability	Diffusion open
Hardness	SHORE D 80
Compressive strength	55 MPa
Reaction to fire	B ₁ -s ₁
Bond strength	>1.5 MPa
Temperature resistance	Up to 70°C at 4 mm
Thermal expansion coefficient	<38 ppm
Abrasion resistance	50 mg / 1000 cycles (Taber Abrader)
Thermal conductivity	< 0,6 W/m·K
Slip resistance	R9 – R13
Food Contact	No contamination