



## COUPSYL® WRS

### Technical information

COUPSYL® WRS is a hydrophobic product based on methyl siliconate and can be used to hydrophobicize various building surfaces, such as stone, brick and even wood. This product creates self-cleaning properties on building facades due to its high water repellency. This product also has the ability to penetrate various types of building surfaces and prevents water penetration and creating efflorescence on various types of building facades.

### 1. Uses and applications

- Removing efflorescence from concrete, all kinds of stones from Travertine to Gohare, marble, streaky granite, all kinds of bricks, types of mosaics and etc.
- Water repellent of plaster, cement, brick, wood surfaces and all construction materials
- Water repellent of building facades, cement cladding of bricks and tiles - ceramics
- Prevents the growth of fungus, moss and lichen on the surface

### 2. Features and benefits

- Penetration strength from 5 to 10 mm in concrete, plaster, brick and etc.
- Being water-based and not containing toxic chemicals and petroleum solvents
- Create self-cleaning properties
- Stable in different climate conditions
- Very easy to apply



## Technical Data Sheet

- Fully absorbent and not create a film and layer on the surface
- No change in color and surface appearance

### 3. Technical Specifications

Property	Standard	Amount
Physical appearance		Clear liquid
Purity		$\geq 99$
pH		13-14
Density	DIN 51757	1,3 g/cm <sup>3</sup>
Solid percentage		42 $\pm$ 1 wt. %

### 4. Method and tools:

This product must be diluted with distilled water in a volume ratio of 1 to 20 before use. It can be applied to the surface with a low-pressure pump (all-plastic spraying pump) or a brush. (For more information, refer to this product manual file.)

### 5. Risks and Limitations:

Due to the hydrophobicity of the surfaces on which these materials have been applied, it is not possible to use water-based coatings.

### 6. Maintenance method

Keep in a sealed container, dry and low light environment at a temperature of 5-30 degrees Celsius. In case of contact with skin, wash immediately with plenty of



## Technical Data Sheet

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water. Immediately see a doctor if swallowed. This solution is free of hazardous evaporative and non-flammable materials.

### 7. Packing and shipping

This product is offered in 1 and 25 kg plastic barrels. Due to the absorption of atmospheric carbon dioxide by this material, it must be stored in a sealed container.

#### Tips:

1. It is emphasized here this information is based on our current knowledge and is not necessarily the best suggestions, therefore the customer should take action to use materials after performing the necessary tests and examining all the effective factors in the workplace.

2- To receive more information, please get in touch with us through the following ways:

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