

# Technical Data Sheet



distribuito da:  
**ANDREA GALLO DI LUIGI S.r.l.**  
azienda fondata nel 1892  
Via Erzelli, 9 - 16152 Genova (Italy)  
Tel. 010.650.29.41  
[www.andreagallo.it](http://www.andreagallo.it)

## IDROREPELENTE SILICONATO PMS 51

- 1. Product Description:**  
is an aqueous solution of Potassium Methyl-Siliconate.
- 2. Applications:** is used for the water repellent treatment of porous constructions materials. Additional applications include formulation of water repellent mineral paints.
- 3. Typical Properties (not for sales specifications, please contact us prior to writing sales specs)**

<b>Properties</b>	<b>Units</b>	<b>Values</b>
Appearance		Clear or slightly hazy, liquid
Colour		Pale yellow
Solids content	%	45 – 49
Density at 25°C	g/cm <sup>3</sup>	1.28 – 1.37
Active component content	%	28 ca.
pH		13 ca.

#### 4. How to Use

- **Bricks and tiles:**

diluted 0.5 – 1 liters in 100 liters water and soak materials for a minimum of 5 minutes. Dry in open air.

- **Treatment of damp walls:**

Dilute 10 – 30 lt in 100 liters water and inject with pressure at the base of the walls.

- **Plaster board:**

Dilute 1 – 5 liters in 100 liters water and spray on surfaces.

- **Mineral paints:**

Mix 1 – 5 liters in 100 liters of paint. Water repellency does not affect vapour permability of the paint.

N.B: water with high hardness is not recommended for dilution of this product.

# Technical Data Sheet

## 5. Handling

This document does not contain safety precautions. Before handling this material, please read the Material Safety Data Sheet, check the label on the container, and conform to the safety, physical and hazard guidelines and precautions.

## 6. Storage and Shelf Life

This product should be stored in its original unopened containers at a temperature between -20°C and +50°C. It may be stored up to 24 months from its date of manufacture.

## 7. Packaging

Available in 1.250 kg IBC, 250 kg drums and 25 kg pails.

## 8. Restrictions

This ingredient is solely proposed in the above listed applications, in contact with skin or hair. It is not suitable to be used in medical, human injection, pharmaceutical or food applications.

## 9. Limited Warranty PLEASE READ CAREFULLY

- The information herein is offered in good faith. It is believed to be accurate at the time of shipment.
- It should not be used as a substitute for the customer's test, the customer bears the responsibility to ensure that the product matches the intended application is safe and achieves the desired benefits.
- The product warranty is limited to the refund value of the purchase or the replacement only when it is demonstrated that the product is out of the agreed sales specifications.

For more information, please contact our nearest office: