

# POWER COLOR



## INTERNATIONAL

### **Power-AntiBroke/Silicate**

**Biological Energy-Saving Interior Coating**

**Fills cracks, hydrophobic, dehumidifies and reduces mould**

**Interior silicate paint according to DIN 18363**

#### **Product Description**

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Solvent-free.

Power-AntiBroke/Silicate is a highly water vapour permeable, fungus reducing, hydrophobic and low odour interior paint according to DIN 18363 for highly resilient and wash-resistant paints. Available in white or according to paint colour cards. Controls humidity levels. Ideal for the reduction of mould on cracked and slightly uneven surfaces, very elastic. Reflect Temperatures between 16-30°C back into Room.

#### **Use**

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Power-AntiBroke/Silicate can be used anywhere indoors on all base surfaces which are suitable for paintings, also for gypsum, ceilings etc.. Please use the product Power-AntiBroke/Silicon Interior for this purpose. Ideal for use on slightly uneven surfaces and for brickwork that tends to form cracks, as it fills cracks of up to 0.5 mm. The minimum layer thickness of the paint is 0.25 mm (ca. 300ml per sqm on even surfaces)

#### **Base coat**

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A base coat of Power-DeepGround/Silicate must be required on the surface.

The surface must be dry, secure and free of dust and loose particles and separating agents.

#### **Preparation**

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Power-AntiBroke/Silicate can be mixed with 15% by clear-water, covers wide surface areas, is low-odour and environmentally friendly. The paint can be thinned by 15 % with clean water for base and final coats. Power-SunTherm Silicate is to be equally applied with a paint roller, bush or suitable spraying tool. When using a spray tool, all filters must be removed and a can size of at least 0.79 mm is required. Stir the material thoroughly with a mechanical agitator for a good 2 mins. before use.

The property and surrounding temperature must not be below +5°C or over +45°C.

#### **Practical information**

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- Organic silicate paint according to DIN 18363
- Save Energyconsumtion
- Solvent-free, environmentally friendly and low-odour
- Can be thinned with water
- Fills cracks, hydrophobic, dehumidifies and reduces mould
- Covers large surface areas

## Important

Do not mix with other types of material. Stir the material thoroughly with a mechanical agitator for a good 2 mins. before use. Cover bordering construction parts well and protect them from the spray.

## Quality

The use of approved and continuously tested raw materials guarantees consistently high quality. The most modern manufacturing facilities provide consistent product characteristics.

## Storage

Protect from frost. Can be stored for at least 12 months in the original sealed containers.

## Form of delivery

In cans of 15 litres on pallets of 24 cans.

## Environmentally relevant information

The containers are to be emptied completely and sent for recycling.

## Technical data

<b>Drying time</b>	In normal conditions (+20°C / 65% humidity), the drying time will be approx. 12 hours. Lower temperatures and higher humidity will extend the drying time.
<b>Material use</b> absorbability of the	Depending on the type and surface, approx. 125 – 150 ml / m <sup>2</sup> . Caution: Raw surfaces can increase quantity used. Precise amounts required are to be determined by applying to test areas!
<b>Interior use</b>	Yes
<b>Physical properties</b> <b>Requirements</b> <b>(Contrast ratio)</b>	Contrast ratio (cover ability) >99,5%
<b>pH value</b>	11,5 + / - 1,0
<b>Raw density</b>	1.4 + / - 0.1 (g / cm <sup>3</sup> )
<b>Water vapour permeability (μ)</b>	High water vapour permeability ( SD < 0.06 m) <i>DIN 52615</i>
<b>Whiteness</b>	> 99,5 %
<b>Compression strength</b>	high compression properties

The information in this brochure is based on our current technical knowledge and experiences. They do not release the user from the need to carry out their own tests and experiments when processing and using our product, due to the wide range of possible influences, and only act as general guidelines. A legally binding assurance of specific characteristics or suitability for a concrete purpose cannot be derived from this information. Any trademark rights and existing laws and provisions are to be observed by the user at all times at their own authority. All previous data sheets will lose their validity upon publication of this data sheet.