

SUNEDO Paint is an electrically highly conductive, water-based acrylate wall paint for safe low-volt heating applications in homes and buildings

## Technical Data

### Dispersion

Dispersion base	Water
Solids by weight	49 - 51 %
Mass density	1.27 ± 0.02 g/cm <sup>3</sup>
pH-value	7 - 8
Viscosity (Brookfield) <sup>1</sup>	C. 1.4 Pa·s
Processing temperature	15 – 25 °C
GHS labeling	Not required
GISCODE	BSW20
VOC Content <sup>2</sup>	< 0,2 g/l
Shelf life (unopened)	Min. 9 months
Storage conditions	Cool, but frost-free (> 5°C), avoid direct sunlight (max. temp. peak < 35°C)

### Dry coating

Color	Anthracite
Operating temperature	- 30 °C to 42 °C
S <sub>d</sub> value <sup>3</sup> (water vapor diffusion equivalent air layer)	< 0.14 m (highly water vapor permeable)

### Application <sup>4</sup>

Target application	Rolling (1 coating)
Coverage per package (1.8 l)	4 heating zones @ 80 cm x 150 cm
Dry time (at 20 °C, 65 % r. H. )	
Overpaintable by its own	> 1 h
Overpaintability of electrodes	> 2 h
Contacting/Installation	> 12 h
Tempering incl. top coat	> 12 h

<sup>1</sup> Based on DIN EN ISO 2555, spindle RV-04, speed 25 rpm

<sup>2</sup> Acc. to DIN EN ISO 11890-2

<sup>3</sup> Acc. to DIN EN ISO 7783:2012

### Safety Instructions

**WARNING: Incorrect use together with electricity may cause fire hazard.**

The heated area is an electrical device, which is live when connected to a power supply. The national legal rules and regulations do apply. Please refer to manual for power supply options! Only usage of delivered connectors are allowed. Application and installation is only allowed to trained skilled workers. In addition to this document, users are strongly advised to refer to and follow all additional relevant documents, especially the Sunedo Paint Installation Manual, which are available from SUNEDO Paint ([info@sunedo.com](mailto:info@sunedo.com))

Keep out of reach of children.

During application do not eat, drink or smoke. Provide good ventilation while processing and drying. Do not breathe in sprayed product. Wash immediately with plenty of water after contact with eyes or skin.

Do not dispose of Sunedo Paint in a way that will allow it to enter drains, ground water or the soil. Containers with liquid residues of Sunedo Paint must be disposed of as hazardous waste. Dried residues of Sunedo Paint can be disposed of in household waste.

For further details refer to Material Safety Data Sheet (MSDS).

### Disclaimer

All information concerning characteristics or applications of our product contained in this data sheet are given to the best of our knowledge and follow our latest technical developments. Considering, however, the variety of possibilities and conditions of application, users of the product have to check if the product is suitable to serve their intended purposes. We do not warrant any specific results. Users of our products have to observe applicable laws and regulations valid at their place. This data sheet is valid only in its latest version and available on request at Sunedo GmbH.