

# Technical Data

## Penguard Low Temp. Additive



### Product description

Penguard Low Temp. Additive is a chemical that will assist drying and curing of Penguard paints at low temperatures (down to 2°C).

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### Recommended use

Add 2 % (400 ml to 20 l) to mixed Penguard Primer, Penguard HB, Penguard Special and Penguard Stayer. For all data **except drying/curing time**, follow the recommendation given in each individual technical data sheet.

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### Drying time

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- \* Good ventilation (Outdoor exposure or free circulation of air)
- \* Typical film thickness
- \* One coat on top of inert substrate

#### Penguard Primer:

Substrate temperature	2°C	5°C	10°C	23°C
Surface dry	10 h	5 h	2 h	1 h
Through dry	24 h	16 h	8 h	4 h
Cured	- d	16 d	8 d	4 d
Dry to recoat, minimum <sup>1</sup>	18 h	12 h	6 h	3 h
Dry to recoat, maximum <sup>2</sup>				

1. If any of these products are used on top of high build zinc silicate, following points should be observed: a) The zinc silicate must be completely cured (MEK-test). b) Mist coat application techniques may be necessary. c) The minimum dry to recoat time should be doubled.
2. Provided the surface is free from chalking and other contamination prior to application, there is normally no overcoating time limit. Best intercoat adhesion occurs, however, when the subsequent coat is applied before preceding coat has cured. If the coating has been exposed to direct sunlight for some time, special attention must be paid to surface cleaning and mattening/removal of the surface layer in order to obtain good adhesion.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

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### Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

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### Handling

Handle with care. Stir well before use.

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## Packing size

1 litre unit: 0.4 litre Penguard Low Temp. Additive in a 1 litre unit  
Packing may vary from country to country according to local requirements.

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## Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

**For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.**

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## DISCLAIMER

*The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.*

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