

Product data sheet

Product**Robust™ Murmaling**

Description

Robust™ Murmaling is a cement based, waterproof and water permeable paint developed for coast climate. Strong, weather proof and durable for many years. No after treatment necessary. The surface is water repellent and water permeable. The surface has a natural and velvet matt appearance where the structure of the subsurface is visible thru the paint. Robust™ Murmaling can be used both indoors and outdoors on stable surfaces such as concrete, brickwork, mortar surfaces etc.

- Waterproof and water permeable
- Gives a natural matt surface
- Weather proof and made for coast climate
- Indoor and outdoor use
- Can be washed with a high pressure washer
- Good covering. Two layers are recommended.
- Applied with brush or roller
- The subsurface structure is visible after painting.
- Low consumption
- Developed for Nordic conditions

Preparation

The subsurface must be load-bearing, absorbent, dry, and free of dust, formwork release oil and other separating agents. If necessary, remove any loose material and clean. To prevent rapid drying, the surface must be watered thoroughly before painting. There should be no water on the surface when the paint is applied. For highly absorbent substrates Robust™ Primer-Murmaling should be added to the paint mixture. Pre-mix the primer (1 part primer with 3 parts water). Then replace 1 litre of the mixing water with 1 litre Robust™ Primer-Murmaling and mix it with the powder.

Mixing

Robust™ Murmaling is mixed with approx. 6 litres of water per 10 kg bucket. Replace if necessary 1 litre of mixing water with Robust™ Primer-Murmaling. Mixing is best done with a powerful drill and Robust™ Universalmixer. If a toner powder is used it should be mixed with the mixing water before added to the Robust™ Murmaling. Mix until the mixture is smooth and free of lumps and has a fluid workable consistency. Let the mixture rest and mature for approximately 3 minutes and then mix it again before applying. It is recommended to use products from the same production number when several buckets are used. It is important that equal amount of water is used for mixing of several buckets. If the paint is to be used indoors, it can be difficult to wet the surface with water. You should then replace 1 litre of mixing water with

Robust™ Primer-Masonry for optimal results.

Application	Robust™ Murmaling is applied with a roll or brush. Start by painting all corners with a brush and then paint the rest of the larger surfaces with a roller continuously on the whole surface. As far as possible it is recommended to use the same mixture on the whole surface to avoid discoloration. The paint must be applied within 2 hours. Protect the surface from rain. Before hardening the rain can discolour the surface. If the temperature is below +10°C, the hardening time will be much longer. Clean tools and equipment with water immediately after use. Cover surrounding construction components. Do not remix or reuse paint that has already started to harden.
Consumption	Approx. 2-4 m ² per kg. 10 kg bucket covers approx. 20-40 m ²
Drying time +20°C and 50% RH	Drying time: Dust dry after approx. 24 hours. Full hardening time is approx. 30 days.
Storage	Up to 12 months in unopened original packaging. Must be stored dry and frost free.
Technical data	Water required: approx. 6 litres per 10 kg bucket. Consumption: approx. ca. 2-4 m ² per kg. Depending on the surface. Processing time: approx. 2 hours. Drying time: Dust dry after approx. 24 hours. Full hardening time is approx. 30 days. Material: Cement based Water permeability: Z _{H2O} Shine: 2 - Matt surface Processing temperature: +5 °C to +30 °C and 50% RH. (Air, material and subsurface temperature).
Safety	This product contains lime and cement and produces an alkaline reaction when it comes into contact with moisture / water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes. See also the information printed on the bag.
Packaging	10 kg bucket.
Colour	White, light grey and grey.
GTIN	White 10 kg: 7090040901101 Light grey 10 kg: 7090040901125 Grey 10 kg: 7090040901149

Item nr.

White 10 kg: 110
Light grey 10 kg: 112
Grey 10 kg: 114

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Warning

Recommendations and technical details in this data sheet is based on the best of our knowledge and experience. However, we cannot guarantee that all information in the datasheet is complete and correct. Anyone who plans to use the product must ensure beforehand that the product is suitable for the intended use. The user alone is responsible for any consequences from using the product. Always download the most recent documentation available online on www.robustnorge.no.

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Company

Steinhardt™ AS
Org. no. 915496059 mva
contact@steinhardt.no
www.steinhardt.no
