

Product data sheet

Product	Robust™ Hurtigstøp
Description	Robust™ Hurtigstøp is a cement-based, plastic reinforced, quick-setting dry concrete for use indoors and outdoors. The product can be applied in layer thicknesses between 2-8 cm. Robust™ Hurtigstøp is a non-shrink mortar, specially developed for wet rooms. Used when quick drying is required for good progress on laying of membrane and tiles or floor covers. Robust™ Hurtigstøp can be used on concrete, plaster, wood, insulation etc. Either as a floating floor on plastic film or bonded to the substrate. Robust™ Hurtigstøp must be reinforced if applied on insulation or non-load carrying substrates. The air temperature should be between +10 and +18°C, and not lower than +6°C.
Preparation	The substrate must be free from loose particles, residual cement, grease, oil, dust, mud, snow, frost and ice. Absorbent substrates must be primed with Robust™ Primer - Sugende. For application on plaster or concrete, Robust™ Hurtigstøp can be applied in thin mortar layers (between 2 and 3.5 cm), and must be bonded to the substrate. This can be achieved by making a bonding slurry with mixing some mortar powder with 1 part water with 1 part Robust™ Primer&Tilsetning to a thin slurry. The bonding slurry is then brushed onto the substrate. The mortar can be applied when the treated substrate is dry and can be walked on.
Mixing	Smaller amounts can be mixed with a powerful drill, larger amounts with a compulsory mixer. Add 1.7-2 litres of clean water to 25 kg powder. Mix well, to an earth-moist consistency. When weather is cold, the product should have room temperature before use.
Application	Apply the mortar with a flat board or a suitable masonry tool. Ensure sufficient compression, no air pockets. Smoothing can be performed as soon as the mortar has set. The mixture must be used within 1 hour. Do not use, or add water to, mortar that has begun to harden. Clean equipment and tools with water.
Consumption	A 25 kg bag will provide approx. 12 litres of mixture.
Dryingtime +20°C and 50% RH	Can be walked on after approx. 2-3 hours. Newly applied mortar shall be protected from drying out too quickly, e.g. by covering with plastic film. Doors and windows must be kept closed to avoid draught. Do not add heat, floor heating must be off. Do not water the mortar. The surface can be used or tiled after 2-3 hours. The mortar must dry for min. 12 hours if the surface shall be covered with membrane.

Storage

To be stored dry, in unopened original packaging. Best result is achieved when used within 12 months after manufacturing date.

Technical data

Water required: ca. 1.7-2 litres per 25 kg bag.

Consumption: 2 kg/m²/mm

Walk on: approx. 2-3 hours

Pot life of mixture: approx. ca. 1 hour

Largest grain size: 3 mm.

Compressive strength: 28 days: 30 MPa.

Safety

The product contains cement, which is classified as irritating due to content of calcium oxide. Avoid contact with skin and eyes. Use appropriate protective clothing, gloves and safety goggles. For health, safety and environment information please read the safety data sheet at www.robustnorge.no.

Packaging

25 kg bag.

GTIN

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Item no

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Nobb**Warning**

All details in this technical information are based on our current knowledge and experience. They are non-binding and do not release the buyer from the duty to undertake their own tests for suitability for the intended application and purpose. A guarantee for the general validity of all details is ruled out with regard to the different processing and construction site conditions. The general rules for construction engineering as well as the valid standards and guidelines must be observed. The publication of this technical information replaces all previous editions. Changes in the scope of product and application engineering further development are reserved. Please obtain the latest information from our internet sites, www.robustnorge.no.

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