

PRODUCT DATASHEET

NOMEA GROUT NG 100

Fast high strength, grouted mortar

Product description

NOMEA NG 100 EC is a fast, high strength, fluid and grout mortar of class R4. Certified to EN 1504-3 a 1504-6.

Scope of application

NOMEA NG 100 EC is designed for lightning remediation of horizontal surfaces indoors and outdoors, watering, anchoring and cavity filling.

Resulting properties - benefits

- ✓ Long workability (min. 2h at 20°C), without mass separation
- ✓ Lightning strength increase, high ultimate strength, high adhesion to the substrate
- ✓ Excellent flowability - cavity filling without cavity formation
- ✓ Slightly expansive in the early stages
- ✓ Water, CHRL and weather resistance
- ✓ Maximum grain size 0,3 mm

Product characteristics

Colour:	cement grey
Packaging :	25 kg paper bags with PE membrane liner.
Storage :	Store in a dry place, within a temperature range of 5°C to 30°C. Protect from dampness and frost.
Durability :	Under storage conditions, in original, unopened and undamaged packaging for 6 months from the date of manufacture. The date of manufacture is marked on the packaging.

Technical data

Moss water (based on dry mix)	55-60% 13.5 - 15 litres of water per 25kg pack	
Application thickness	1 - 100 mm in one working step	
Compressive/ flexural tensile strength	after 24 hours	min. 30 MPa / min. 7 MPa
	after 7 days	min. 40 MPa / min. 8 MPa
	after 28 days	min. 50 MPa / min. 10 MPa
Reaction to	A1 _{fl}	
Processability	min. 120 minutes at 20°C	

Application procedure

Slow-running mixer or in a circulation mixer after mixing the dry component with the mixing water in the recommended range. Application of gravity technology. Technological break after application of min. 12 hours. Fully loadable after 24 hours after application.

Tools and protective equipment must be thoroughly cleaned with water immediately after use.

Notice

- ✓ Do not exceed the permitted application thicknesses
- ✓ Avoid draughts, direct sunlight and premature drying immediately after application
- ✓ Adding binders or other admixtures or sieving the mixture is unacceptable
- ✓ Application of the mixture can only be carried out at temperatures above +5°C
- ✓ The backfill water should meet the requirements of PN-EN 1008, or potable water can be used
- ✓ Disposal of contaminated packaging - treat as "residual waste"
- ✓ The product should not be used for mechanical application without consulting the manufacturer

Warning

The product contains cement. Cement reacts with water to form an alkaline suspension (pH above 10). Protective equipment (clothing, gloves, goggles) must be used when working. Protect eyes and avoid contact



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with skin. When handling the dry mixture, there is a risk of inhalation of dust particles, therefore a protective respirator must be worn. In case of eye contact, flush eyes with a stream of water and seek medical attention.

Legal Supplement

The information, especially the instructions for processing and application of our products, is based on our knowledge of the development and application of chemical products and our many years of application experience under standardized conditions and proper storage and use. In view of varying processing conditions and other external influences, and the different nature and characteristics of the substrates, a procedure based on the information given, or other written or oral recommendations, may not always guarantee a satisfactory working result. The client/contractor must examine the products to ensure that they are suitable for the intended purpose of the application.