



TECHNICAL DATA SHEET

RASCOflex GT221

Injection grout for stabilization and waterproofing of soils ranging from fine sand to soft ground.

USE

RASCOflex GT221 is a 2-component injection grout, based on silicate and hardener, for the stabilization, consolidation and waterproofing of non-cohesive soils. RASCOflex GT221 is used for binding both contaminated sand layers and sand layers containing other mineral constituents.

FEATURES

- low viscosity allows wide permeation
- non-combustible
- no toxic constituents
- good environmental compatibility
- waterproof
- high adhesive strength

INJECTION

The sleeve pipe shall be placed in the sand or soil and RASCOflex GT221 injected at each sleeve position. The pump speed is crucial for injection. Injections in non-cohesive soils require the use of a standard proprietary 1-component piston pump, which pumps the mix into the ground via the sleeve pipe.



TECHNICAL/PHYSICAL DATA

	A-Comp	B-Comp	A:B mix
Supplied form	liquid	powder	
Material colour	colourless	white	
Container type	on request	on request	
Container size	on request	on request	
Density at +20°C (DIN EN ISO 2811)	1.26 kg/ltr (± 0.05)	-	
Hazardous goods/ADR	none	none	
Mixing ratio	A-Componente with solved B-powder in water		
Curing time			adjustable
pH value of mix at +20°C			ca. 11.3 pH
Viscosity of mix (DIN EN ISO 3219)			< 5 mPas
Application temperature	from +6°C to +50°C		
Storage/shelf life	12 months in original container at +15°C to +35°C, in dry conditions		

APPLICATION

The material is applied using a injection pump (1-K). The **A component** is supplied ready for use. The **B component is prepared** by mixing the B-Comp and adding water. The reaction time is shortened or quicked depending on the amount of the B-Comp added.

The **B component** has been solved in water before mixing with the **A component** (hard shaking).

SAFETY NOTICE

Suitable protective clothing, gloves and goggles shall be worn. An eyewash bottle shall be kept at hand. For further details, please consult the safety data sheet.

SUPPLY/ADDITIVE

Item no.	Product	Container	Contents
On request			
Grouting machines, equipment and accessories available on request			

EN B 18.12.18 ADZ

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RASCOR

LEGAL NOTICE: The information provided on the use and application of our products in this technical data sheet is based on the present state of our knowledge. The customer shall bear sole responsibility for the proper specification, application and use of the products in line with the intended purpose, project-specific conditions and external actions. The most recent technical data sheet shall apply. The current technical data sheets are available at www.rascor.com. Our General Terms of Business shall form an integral part of this technical data sheet.

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