



TECHNICAL DATA SHEET

RASCOflex GT220

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

USE

RASCOflex GT220 is a 2-component injection grout, based on Kolloidal Silica-Gel and hardener, for the stabilization, consolidation and waterproofing of non-cohesive soils. RASCOflex GT220 is used for binding both contaminated sand layers and sand layers containing other mineral constituents.

FEATURES

- low viscosity
- non-combustible
- no toxic constituents
- good environmental compatibility
- waterproof
- high adhesive strength
- reaction time adjustable

INJECTION

The sleeve pipe shall be placed in the sand or soil and RASCOflex GT220 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 components into the ground via sleeve pipe.



TECHNICAL/PHYSICAL DATA

	A-Comp	B1-Comp	B2-Comp	A:B mix
Supplied form	liquid	liquid	powder	
Material colour	colourless	colourless	white	
Container type	canister	canister	pot	
Container size	25,0 lt	5,0 lt	750 gr	
Viscosity (DIN EN ISO 3219)	< 40 mPas	≥ 1 mPas	-	
Density (DIN EN ISO 2811)	1.15 kg/ltr (± 0.05)	1.26 kg/ltr (± 0.05)	-	
Hazardous goods/ADR	none	none	none	
Mixing ratio				1:1 (by volume)
Curing time/starts gelling at 20°C				approx 18 min
pH value of mix				9 - 11 pH
Viscosity (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 1-component injection pump. The **A component** is supplied ready for use. To prepare the **B-mix component**, start by adding 20 ltr water to the B2-Comp and mixing. The gel time can be adjusted directly on site by increasing or reducing the quantity of B2-Comp. Immediately prior to injection, add the B1-Comp to the B2-Comp and mix thoroughly. Then mix the B-mix component with the A-Comp.

NOTE: The gel time starts to run as soon as the B1-Comp and dissolved B2-Comp are mixed together.

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
1111.2201.001	RASCOflex GT220 A-Comp	canister	25,0 lt
1111.2202.001	RASCOflex GT220 B1-Comp	canister	5,0 lt
1111.2203.001	RASCOflex GT220 B2-Comp	pot	750 gr

Grouting machines, equipment and accessories available on request

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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