



TECHNICAL DATA SHEET

RASCOflex GT222

Injection grout for stabilization and waterproofing of sandy and silty ground, and for injection into cracks and fissures in rock.

USE

RASCOflex GT222 is a 1-component injection grout based on colloidal silica gel. A concentrated activator solution is used to adjust gel time in line with requirements. RASCOflex GT222 is a hydrophilic product that also adheres to wet surfaces.

FEATURES

- very low viscosity
- non-combustible
- no solvents, free from toxic constituents
- good environmental compatibility
- waterproof
- high adhesive strength
- adjustable gel time
- non-foaming

FUNCTION

Pre-injection in bored tunnel construction, stabilization and waterproofing on mining projects, remedial waterproofing in existing tunnels, ground improvement, also near foundations, raising of comprehensive strength of sandy subsoils.



TECHNICAL/PHYSICAL DATA

	Comp	Cat (Activator)	Mix
LSupplied form	liquid	liquid	
Material colour	colourless	colourless	
Container type	IBC	IBC	
Container size	20l / 21.8 kg 1000l / 1092 kg	20l / 22.4 kg 1000l / 1120 kg	
Density at 20° C (DIN EN ISO 2811)	1,09 kg/l (± 0,03)	1,12 kg/l (± 0,03)	1,12 kg/ltr (±0,03)
Hazardous goods/ADR	none	none	
Mixing ratio	Base component and activator dissolved in water		
Curing time			adjustable (from 15 min to 3 h)
pH value of mix at 20° C			approx. 9,0 - 10,0 pH
Viscosity of mix (DIN EN ISO 3219)			< 5 mPas
Application temperature	from +5°C to +40°C		
Storage/shelf life	12 months in original container at +15°C to +35°C, in dry conditions		

APPLICATION

The product is normally applied with the same standard mixing and pumping equipment used for cement injections. RASCOflex GT222 is supplied ready for use. The reaction is initiated by adding a concentrated activator in the quantity corresponding to the required pot life. Guide values at 21°C, with 10% activator: approx. 1 h 40 min to start of gelation / with 20% activator: approx. 17 min to start of gelation.

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/ADDITIVES

Item no.	Product	Container	Contents
1111.2221.001	RASCOflex GT222 Comp	IBC	1000,0 ltr
1111.2221.003	RASCOflex GT222 Comp	canister	20 ltr
1111.2222.002	RASCOflex GT222 Cat (Activator)	IBC	1000,0 ltr
1111.2221.003	RASCOflex GT222 Comp	canister	20 ltr

Grouting machines, equipment and accessories available on request

DE C 05.03.24

2 | 2

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.

Rascor International Ltd
Gewerbestrasse 4
8162 Steinmaur / Switzerland
Phone: +41 (0) 44 857 11 11
Fax: +41 (0) 44 857 11 00
www.rascor.com