

MAGISTAR R[®]

Sealant to be injected to stop water leaks

DESCRIPTION

Magistar R is a hydrophobic chemical grouting compound designed to fill in concrete structural gaps such as big chasm made by faulty substance, cracks, or joints and to stop high pressure water leaks. When Magistar R comes in contact with water, this blackish brown transparent non-flammable liquid expands and quickly seals to a rigid closed - cell polyurethane foam that is resistant to micro - organisms. Magistar R will seal and cure depending on the amount Magistar R Acc. used and the temperature conditions (consult reactivity data).

TECHNICAL DATA

Uncured

MAGISTAR R

Specific Gravity ASTM D-4659 Test B	1.11 g/cm ³
Solids ASTM D-1259	100%
Viscosity at 20°C ASTM D4889	120 cps
Flash point ASTM D-93	C.O.C.
Gardener color	Blackish-Brown
Corrosiveness	non-corrosive

MAGISTAR R Acc.

Specific Gravity ASTM D-4659 Test B	0,980 g/cm ³
Solids ASTM D-1259	100%
Viscosity at 20°C ASTM D 4889	15 cps
Flash point	160°C
Appearance	clear liquid

Cured

Tensile Strength ASTM D-3574 Test E	386.1 Kpa
Density	1.07 g/cm ³
Bending Strength ASTM D-3574 Test A	1469 Kpa
Bond Strength	682 Kpa
Toxicity	non-Toxic

REACTIVITY DATA

At 10°C	% MAGISTAR R Acc.	GEL TIME IN MIN., SEC.
	1	19'00"
	3	7'40"
	5	4'30"
At 20°C	% MAGISTAR R Acc.	GEL TIME IN MIN., SEC.
	1	9'50"
	3	4'05"
	5	2'24"
At 30°C	%MAGISTAR R Acc.	GEL TIME IN MIN., SEC.
	1	6'00"
	3	2'25"
	5	1'33"

PACKING

Magistar R comes in a 19 l. pail.

Magistar R Acc. comes in 1 l. bottle.

Magistar grouts are packaged under dry nitrogen to keep moisture out, for extended shelf life for 6 months.

STORAGE

Store in cool dry areas using original container. Keep away from water and humidity. Maintain spouts closed.