

MAGISTAR FLEX®

Flexible sealant to be injected to stop water leaks

DESCRIPTION

Magistar Flex is a compound designed to repair leakage due to chinks, joints or cracks in concrete structures to form a flexible seal. When MAGISTAR FLEX comes in contact with water, this pale yellow non-flammable uncured liquid expands and quickly cures to a tough flexible closed-cell polyurethane foam that is essentially unaffected by corrosive environments. Magistar flex will seal and cure depending on the amount Magistar Flex Acc. used and the temperature conditions (consult reactivity data).

TECHNICAL DATA

Uncured

MAGISTAR FLEX

Specific Gravity ASTM D-4659 Test B	1.11 g/cm ³
Solids ASTM D-1259	100%
Viscosity at 20°C ASTM D4889	650 cps
Flash point ASTM D-93	132°C
Gardener color	2-3
Corrosiveness	non-corrosive

MAGISTAR FLEX Acc.

Specific Gravity ASTM D-4659 Test B	0.760 g/cm ³
Solids ASTM D-1259	100%
Viscosity at 20°C ASTM D4889	5 cps
Flash point	170°C
Appearance	non-corrosive

Cured

Tensile Strength ASTM D-3574 Test E	1 MPa
Density	1.07 g/cm ³
Elongation ~ ASTM D-3574 Test E	250%
Toxicity	non-Toxic

REACTIVITY DATA

At 10°C	% MAGISTAR FLEX Acc.	GEL TIME IN MIN., SEC.
	1	7'50"
	3	3'50"
	5	2'35"
At 20°C	% MAGISTAR FLEX Acc.	GEL TIME IN MIN., SEC.
	1	6'00"
	3	3'00"
	5	2'00"
At 30°C	%MAGISTAR FLEX Acc.	GEL TIME IN MIN., SEC.
	1	5'50"
	3	2'30"
	5	1'51"

PACKING

Magistar Flex comes in a 19 l. pail.

Magistar Flex Acc. comes in a 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.