

WATERFOAM-2K

Low flexibility polyurethane foam, two-component, low viscosity, injection resin.

DESCRIPTION

WATERFOAM-2K is a two-component polyurethane, hydrophobic resin. The two components react with each other, in absence of water, to produce an inflexible grout suitable for waterproofing and sealing cracks and joints of concrete surfaces, and for effectively preventing water leaks.

Recommended for use on dry concrete.

Application is by two-component injection pump.

RECOMMENDED FOR

Stopping water leaks in such structures as:

- Foundations,
- below-grade structures, e.g. garages,
- tunnels & underpasses,
- sewage systems,
- tanks,
- waterways & dams.

FEATURES & BENEFITS

- Effective sealer of cracks & voids in concrete, especially in joints.
- Of low viscosity: Deep penetration with minimal pressure.
- Produces, in absence of water, an inflexible & completely hydrophobic foam.
- Easy to apply two-component, 1:1 by volume, with a very reasonable pot-life.
- Highly resistant to fungi and other microorganisms.
- Friendly to the user and the environment: Contains no solvents or propellant gasses – safe to store, transport and use.

APPLICATION PROCEDURE

Clean the substrate using a high-pressure washer, if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, cured membranes must also be removed. Large voids can first be sealed using **HYPERSEAL EXPERT-150**.

Application:

In case of low temperature during application, add **WATERFOAM Catalyst** to one of the two components, 1-5%. The two components are applied 1:1 by volume. Starting from minimum, gradually increase pump pressure until reaching the desired rate of injection. Its level depends on the size of the cavity to be filled and the condition of the substrate in general.

CLEANING

As soon as application is finished, equipment must be cleaned using **SOLVENT-WF SPECIAL** immediately. Using other cleaning agents is not recommended as they may cause remains of **WATERFOAM** to solidify.

PACKAGING

5 lt, 20 lt, and 200 lt drums.

SHELF LIFE

Can be kept for 12 months minimum in the original unopened pails in dry places and at temperatures of 5-25 °C. Once opened, use as soon as possible.



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SAFETY INFORMATION

WATERFOAM-2K contains no solvents, is, nevertheless, classified as harmful. Nevertheless, you are advised to observe the standard safety

rules: Apply using safety gloves and clothing. The MSDS (Material Safety Data Sheet) is available on request.

TECHNICAL SPECIFICATIONS

WATERFOAM-2K, component A

PROPERTY	UNITS	METHOD	SPECIFICATION
Form	-	-	brownish liquid
Viscosity (Brookfield)	cP	ASTM D4287, @ 25 °C	100-200
Specific weight	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, @ 20 °C	1.15-1.25
Flash point	°C	ASTM D93, closed cup	> 200

WATERFOAM-2K, component B

PROPERTY	UNITS	METHOD	SPECIFICATION
Form	-	-	yellowish liquid
Viscosity (Brookfield)	cP	ASTM D4287, @ 25 °C	150-350
Specific weight	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, @ 20 °C	0.95-1.05
Flash point	°C	ASTM D93, closed cup	> 200
Tack free time, @ 77 °F (25 °C) & 55% RH – subject to proportion of catalyst in the mix.	hours	-	2

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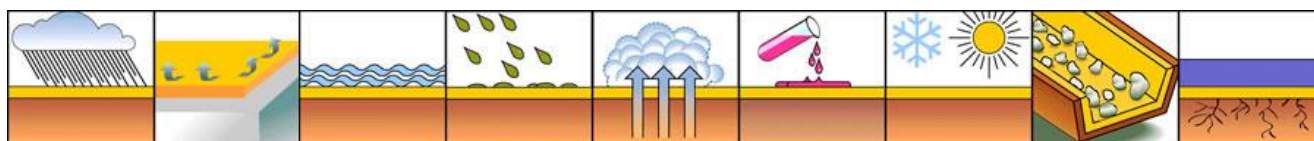
WATERFOAM-2K

Tack free time, @ 77 °F (25 °C) & 55% RH – subject to proportion of catalyst in the mix.	hours	-	2
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WATERFOAM Catalyst:

PROPERTY	UNITS	METHOD	SPECIFICATION
Form	-	-	liquid, light yellow in colour
Viscosity (Brookfield)	cP	ASTM D2196-86, @ 25 °C	50-70
Specific weight	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, @ 20 °C	0.95-1.05
Flash point	°C	ASTM D93, closed cup	> 110

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Certified quality, environmental and occupational health & safety management systems:
ISO 9001/14001 & ISO 45001.

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