

Prime Kat

Catalyst for Hydrophobic Prime Flex Resins

Description

Catalyst used to activate Prime Flex 910 and Prime Flex 920 hydrophobic injection grouts. Prime Kat addition is calibrated at variable mixing ratios, depending upon desired reaction time and expansion.

Technical information

Typical Data @ 23°C			
Kat to resin ratio ¹	Mix quantities	Reaction time	Set time
5 %	50 ml to 1 L	20 seconds	70 seconds
3.5 %	35 ml to 1 L	30 seconds	80 seconds
1 %	10 ml to 1 L	90 seconds	5 min. 30 sec.

¹ Maximum mix ratio of Prime Kat to Prime Flex 910/920 is 10% by volume.

NOTE - Properties will vary depending upon site conditions, application method, mixing method and equipment, material temperature, and curing conditions.

Mixing Ratio

One 976ml bottle of Prime Kat per 18.9 litre Prime Flex 910/920 equals 5% mix ratio.

Note: Colder temperatures slow reaction times. For quicker reaction time please see 'Kick Fast' TDS.

Directions for Use

Refer to separate Prime Flex 910/920 TDS.

Prior to site use, resin drums must be stored overnight at 15-25°C to precondition.

Use the table above to approximate required set time. Note that different size voids, pressures, water contents, temperatures, etc., will change the set time. This table is for estimating guidance only. Thoroughly mix materials using a low speed drill with helical mixing paddle. Once Prime Kat has been added, the Prime Flex resin will react upon contact with moisture.

Cleaning

Use Prime Flex Eco Flush to immediately flush and clean injection equipment.

Packaging

Prime Kat is available in 976ml bottles

Prime Flex Eco Flush is available in 20 litre drums.

Storage

Store in dry environment between 5-27°C. Protect from frost.

Limitations

Low temperatures will slow down reaction times and increase viscosity.

Do not apply below 5°C as the material will not cure below this temperature.

pH below 3 or above 10 may adversely affect foam properties.

Health & Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical contacts are available to provide further information and arrange demonstrations.