CHEMFOAM PU6261

HYDROPHOBIC POLYURETHANE (PU) TOTAL GROUTING SYSTEM

DESCRIPTION

CHEMFOAM PU6261 is a MDI-based component, low viscosity polyurethane foam grouting system of which reacts on contact with water to form an effective and flexible closed cell foam barrier to stop leaks and water seepages.

CHEMFOAM PU6261 grouting system is able to penetrate deep into small cracks and capillaries as well as works effectively regardless of whether the water ingress is clean, salty or contaminated.

CHEMFOAM PU6261 can be combined with a specially formulated proprietary catalyst or other suitable commercially available industry standard catalyst to accelerate the foam propagation and reaction process.

CHARACTERISTICS

- Fully water resistant
- Flexible, able to accommodate movements
- Able to seal fine cracks of less than 200 µm
- Non-toxic, can be used in potable water environments
- High reactivity with water
- Excellent bonding to grouted surfaces
- Resistant to biological attack

ADVANTAGES

The formulation of **CHEMFOAM PU6261** ensures a strong reaction upon contact with water to form a flexible, hydrophobic and chemically resistant polyurethane barrier to water, even when the seepage of leaks are severe and effusive.

Sealing action is achieved in a very short time after application and **CHEMFOAM PU6261** provides the user with an end product of which is harmless to the environment and resistant to all forms of biological formation and attack.

TECHNICAL SPECIFICATION

Property	Description
Appearance	Light yellow liquid
Specific Gravity @ 20 °C	Approximately 1.07 ± 0.02
Viscosity @ 25 °C, cps	250 to 500
Elongation in cured form	-180 to 200 %
Gel time without catalyst	Approximately 2 minutes
Resistance to water	Yes

TYPE

STRUCTURAL REPAIRS

ADVANTAGES

FULL WATER RESISTANT | HIGH ELONGATION | CRACK BRIDGING | NON TOXIC

COMPONENT

1 PART

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REACTIVITY WITH WATER

Ratio (Resin : Water)	Foam Time (Seconds)	Foam Volume Ratio	Foam Type
4 : 1	105	13.1	Flexible
3 : 1	83	10.7	Flexible
2 : 1	88	9.9	Flexible
1 : 1	108	6.3	Flexible

APPLICATION

The **CHEMFOAM PU6261** system can be injected into existing cracks using a high-pressure injection pump. The user can control the reaction time of the foam formation process by adjusting the dosage of the catalyst to be added to suit user or situation requirements.

Depending on the prevailing site conditions, gel-time is usually determined before injection, taking into consideration the speed and rate of water seepage as well as the amount of water expected in the crack to be sealed.

Cleaning of excess uncured grout and residues from the surface is accomplished by using either xylene or other CHEMIND approved solvents.

PACKAGING

CHEMFOAM PU6261 is available in 10 kg/pail

SAFE HANDLING INSTRUCTION & SAFETY INFORMATION

Avoid contact with eyes and minimize direct contact with skin. Gloves and goggles are recommended to be used during application.

Avoid inhalation of vapors. Provide adequate ventilation in confined spaces.

Over exposure may cause slight skin and eye irritation if there is direct contact.

For detailed safety precautions to be observed during the application and injection of this chemical grout, please consult our MSDS.

Legal Notes:
'Statements made in this bulletin are for the assistance of our customers. They are based on our experience and judgment but must not be regarded as amounting to a legal warranty or as involving any liability on our part. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of this product must test the product's suitability for the intended application and purpose. CHEMIND reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. Users may always refer to the most recent issue of our Product Data Sheet for the products concerned, copies of which will be supplied upon request.'

SCOPE OF REGISTRATION AND STANDARDS

Manufacture of Waterproofing materials. Compliance with ASTM technical standards and AS 3740 - 2004 Australia Standard. SIRIM certification is available for selected products upon request, subject to applicable testing and certification requirements.

Made In Malaysia

CHEMIND

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SIRIM

ASTM INTERNATIONAL Standards Worldwide

CHEMIND AUSTRALIAN TECHNOLOGY

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