LASTOIS HIDROEXPAN, ONE COMPONENT POLYURETHANE FOR SEALING WATER LEAK CRACKS



Description

LASTOIS HIDROEXPAN is a resin that expands in contact with water and is used for sealing cracks and joints. It expands in contact with water closing water leaks on concrete supports. It is used on retaining walls, basement, tanks, pools, etc.

Aplication

In the sealing and waterproofing of cracks and cavities with water leaks. In the sealing of underground work.

Surface preparation

Our product has good adhesion to most building materials. The application surface should be clean and free from grease and oils, being in the presence of water at the time of application of the product.

Modes of application

Applying by injection depending on the particulary woiks and characteristics. The injection can be done by manual or electric machine (from 5 to 100 kg/scm).
-The injection must be always done with water. The resin in contact with water polymerizes and expands itself from 6 to 10 times its volume.

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síguenos en:

- Resine just polymerize resits to the most organic solvents, soft acids, alkalis and agressive microbiologic environmets.
The optimum temperatures for application range between +10 and +25?C. The viscosity of the product increases at higher temperature.

Clean up

With solvent DISOLVENTE EPOXI

Data sheet

Density20ºC DIN 53217 1.13 gr/cm3

Viscosity23 ºC 1200 +/- 200 mPa.s

Flash Point>200ºC

CompositionContains Difenilmetandiisocianate(MDI). The manipulation of the product requires precautions.

Working temperature10 a 25ºC

SolubilityNot soluble on water.

Compressive Strength6 N /mm2 (cured product)

Flexural Strength1,5 N/mm2 (cured product)

Adhesion1,8 N/mm2 (on mortars or concrtes)

AppearanceYellow-Gold colour foam with cells (solidify)

Performance

According to the application

Storage

1 year in their original packagings, properly closed, do not expose them to the effects of UV rays, high temperatures (+40 ° C) and in dry places cause it retículates in contact with moisture and away from fire (even after use).

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Security



Indications of danger:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335: May cause respiratory irritation.

H351: Suspected of causing cancer.

H360: May damage fertility or the unborn child.

H373: May cause damage to organs through prolonged or repeated exposure.

H412: Harmful to aquatic life with long lasting effects.

Prudence advice:

P201: Obtain special instructions before use.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.