

GENEX MP 120 Tixo

PRODUCT DATA SHEET

Expansion Joint filler & Gap filler

USES

GENEX MP120Tixo is a specially designed flexible expansion joint filler and, liquid grout for all type of gap between concrete and steel constructions. It also provides water insulation between the concrete elements. *GENEX MP120Tixo* is a cold applied sealant, which is resistant to jet fuel, motor fuel oils and is used in the related fields such as :

- Flooring and steel and concrete connection joints for over ground fuel storage depots and loading bays for fuel, oil and motor fuel oils,
- It can be used in all types of horizontal and vertical joints,
- Underground garages,
- In cracks on the asphalt and concrete roads,
- If necessary, *GENEX MP 120 Tixo* can be used as a thin protective flexible coating for light traffic floors.

DESCRIPTION

GENEX MP 120 Tixo is a (3) part Polyurethane, Self-levelling ,oil and fuel resistant, cold applied, pour able sealant and joint filler. Cures to form a tough resilient sealant for horizontal and vertical joints.

ADVANTAGES

GENEX MP120Tixo is an easy to use and economical sealant with the following beneficial properties,

- Easy to apply,
- Solvent free
- Permanently elastic
- Resistant to UV rays and atmospheric conditions
- Excellent adhesion to common surfaces
- Perform well over a broad temperature range,
- Good resistance to a wide variety of solutions, fuel, jet fuel and oil.
- Resistant to micro organisms.
- Indoor and outdoor applications
- To fill Saw-cut and expansion joints
- Extremely flexible.

GENEX MP120 Tixo TYPICAL CHARACTERISTICS

Type	Polyurethane-Bitumen
Color	Black
Density	1.25 kg/lt Tixo-body
Storage conditions	Store at temperatures between (+15)-(+35) °C
Shelf life	6 months in original unopened packing
Pot life	Depends on temperature App 30 minutes at +22 °C
Hardness	(Approx.)35 shore A
Applications temperature	between +5 °C – +40 °C degrees
Curing Rate	Approx. 12 hrs at 22 °C
Tensile strength	15 kg/cm ₂ (at +20 °C)
Elongation	App. 200% (at break)

APPLICATION STEPS

• Surface preparation:

For best results; the surface must be clean, dry and free from all loosely adhering particles. Correct joint depths can be established by inserting styrofoam board tightly into the joint. Later these boards must be raked back to the required depth and a bond breaker tape inserted. Protect the surface with masking tape.

• Priming:

Use *Genex MP120 Tixo* primer for all cement based building materials and steel ,exposed brickwork, asbestos cement ,natural and artificial stone work.

• Mixing :

Using a low speed drill(500-800rpm) mix thoroughly the content of component A and Component B separately, mix together for(minimum 3 minutes) until a smooth even consistency is achieved.

• **Application:**

Pour the mixed sealant into the prepared joint.
Remove masking tape within 30 minutes.

• **Important Notes:**

- Protect against exposure to oil, solvents for at least 1 week and water for 10 hours after application.
- Maximum slope should be -3% .
- Not suitable in contact with drinking water.
- Avoid early loading

COVERAGE

- Depends on the joint dimensions .
Estimated coverage for each 1 cm depth x 1 cm width, 1 m length is 100-150 g/m

STORAGE

- Store in a dry , non humid area,
- Do not leave tins open.
- Store for 6 months in it's original unopened undamaged containers.

PERSONAL PRECAUTION

It is irritating to eyes and skin and may cause sensitization by skin contact, wear appropriate gloves and protective clothing to prevent contact with skin and clothing to prevent contact with skin and clothing. Wear safety glasses ,goggles to prevent eye contact.

Fire fighting measures

Extinguishing media: Sand ,water spray, carbon dioxide and dry chemical(extinguishing powder).
Do not use water jet.

Personal protective equipment: Self-contained breathing apparatus. Protective clothing

HANDLING

- For safe handling ensure good ventilation/exhaustion at the workplace.
- Use suitable clothing
- Protection gloves and eye protection is necessary.
- Eating ,drinking and smoking should be prohibited in area where this material is handled, stored and processed.

PACKAGE

- Component A in 15 kg and Component B in 3 kg units

IMPORTANT INFORMATION

This product is for industrial use only, by professional, trained personnel using proper equipment, and is not intended for sale to, or use by , the general public.

LIMITED WARRANTY

All recommendations, statements, technical data and information contained herein are information received from our raw material suppliers and other sources and is believed to be correct. However we make no warranty , expressed or implied regarding the accuracy of this data or the results to be obtained from the used thereof. This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. we assume no responsibility to injury from the use of this product described herein.

GROUP OF COMPANIES

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