TESON PU FOAM
HYDROPHOBIC WATER-REACTIVE FOAM (TW-191)

TW-191 is PU resin with higher lipophilic propylene oxide, which reacts with water to start foaming & hydrophobic. After TW-191 is injected into walls, it reacts with water with rapid expansion to plug the crack. By gas pressure, TW-191 is squeezed into slot to stop seepage/leakage.

CHARACTERISTIC:
- TW-191 viscosity is low, which will not result in congestion due to increased tube viscosity. Easy to apply, good work performance.
- Foaming to be finished within 5~10 minutes after reacting with water. Fully harden in 2~3 hours.
- The product is not shrink, avoiding leakage again.
- Foaming ratio is 1~30 times, saving the usage volume.

PACKAGE:
- TESON PU FOAM : 5 gallons iron bucket
- Packer : 50pc/pack, 8mm x 70mm & 13mm x 100mm

MECHANICAL PROPERTY:
- Elongation : 22 % (ASTM D638)
- Contraction : 0 % (ASTM D2126)
- Yield Strength : 126 psi (ASTM D638)
- Toxicity : None
- Appearance : brown color liquid

FOAMING EFFECT:

TESON PU Foam | *Mixing After 5 Seconds* | *Foaming After 30 Seconds*

APPLICATION INSTRUCTION:
a. Drill holes about 5cm-10cm away from the lowest position on the left or right of the crack with an inclination of 45°. The hole is deep to the half of the structure. Then drill continuously upward with a distance of 20cm-30cm and lay injection packer when reaching the highest position.
b. Then inject the water-reactive foam upward with high pressure injection machine until the foam appears on the surface of the structure and inject another packer.
c. After that, remove the packer and fill up the holes.

NOTE:
1. Prevent the product from direct sunshine and rains during storage and transportation; keep it away from fire sources.
2. The storage life of the product is half a year under damp-proof and sun-sheltering conditions.

APPLICATION REFERENCE

Seepage / leakage | *Drill holes* | *Install packers* | *Tighten packers* | *Start injection* | *Injection complete*

LIMITED WARRANTY:
Sellers and manufacturers only obligation shall be replacement of such quantity of product proved to be defective. All advice given herewith is to the best of knowledge, true and accurate. All recommendations or suggestions are made without guarantee. Since the conditions of use are beyond our control, the seller or manufacturer shall not be liable for any injuries, loss or damage, direct or consequential arising from the use of or the failure of the product. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability.

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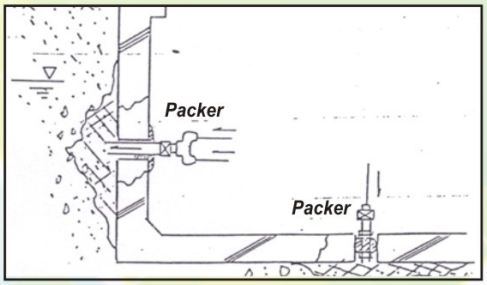
EQUIPMENT & CONSTRUCTION DETAIL :

Packer

TESON PU Injection Pump



Construction Condition Diagram

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