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PF-37

HYDROPHOBIC POLYURETHANE FOAM

GENERAL DESCRIPTION:

Aquabond PF-37 is a hydrophobic single-component, VOC compliant polyurethane injection resin designed to repair leaking joints and cracks in concrete. The cured hydrophobic material exhibits the elasticity and durability to stop leaks permanently. After reacting to minimal amounts of water, the resulting foam will maintain its physical form and not be subject to shrinkage.

Aquabond PF-37 expands up to 25 times its initial volume and cures to tough, adhering foam capable of withstanding thermal cycles and crack movement.

TYPICAL APPLICATION:

- Residential basements
- Water related facilities
- Waste treatment plants
- Storm water systems
- Underground vaults
- Manhole facilities
- Swimming pools
- Tunnels
- Earthen Dams
- Elevator Pits
- Concrete dams
- Parking Garages

ADVANTAGES:

- 100% solids.
- Expands up to 25 times initial volume
- Dispenses as a single component
- Controllable reaction times
- Excellent resistance and durability
- Outstanding adhesion
- Non-hazardous shipping
- Non-flammable
- Cures inert, non-toxic, permanent seal

Expansion Times

Upon encountering minimal amounts of water, the expansion times as supplied are 60 seconds for the start of expansion and about 7 minutes for full expansion. These reaction times were determined at 77° F with the addition of 2.5% water.

TYPICAL INFORMATION:

Physical Properties – Liquid		
Aquabond PF-37		Test Method
Viscosity	300 cps	ASTM D-1638
Specific Gravity	1.10	ASTM D-1475
Color	Light amber when liquid - cures to white color	
Flash Point	> 250 °F	ASTM D-92

----- Solid Cured -----		
Density	5 lbs/ft ³	ASTM D-1622
Elongation	140%	ASTM D-638
Tensile Strength	25 psi	ASTM D-638
Toxicity	Non-toxic	

WARRANTY

Recommendations concerning the performance or use of this product are based upon independent test reports believed to be reliable. If the product is proven to be defective, at the option of the Manufacturer, it will be either replaced or the purchase price refunded. The Manufacturer will not be liable in excess of the purchase price. The user will be responsible for deciding if the product is suitable for his application and will assume all risk associated with the use of the product. This warranty is in lieu of any other warranty expressed or implied, including but not limited to an implied warranty of merchantability or an implied warranty of fitness for a particular use.