

## Main Tank

# Fireguard® Protected Rectangular Main Tank

UL-2085 Listed

## Description

The Fireguard Rectangular Main Tank is a double-wall, fire-protected aboveground storage tank that includes lightweight thermal insulation in the interstitial space.

## Specifications

- Underwriters Laboratories UL-2085 Listed, Protected Aboveground Tanks for Flammable and Combustible Liquids.
- Designed for stationary installation and use in accordance Flammable and Combustible Liquids Code, NFPA 30, NPPA 30A, and Steel Tank Institute (STI) Standard F941 for Thermally Insulated Aboveground Storage Tanks.
- Constructed and labeled in accordance with all applicable Fireguard and UL standards.
- 3" of lightweight, concrete thermal insulation pumped into interstitial space. Limits heat transferred to primary tank when construction is exposed to a two-hour hydrocarbon pool fire and is protected from physical damage.
- Meets the following ballistics standard: Empty tank subjected to five shots of 150-grain M-2 ball ammunition, muzzle velocity of 2700 feet per second (823 m/s), fired from a .30 caliber rifle at a distance of 100 feet (30.4m). Bullet fired perpendicular to point of impact on the tank wall determined to be most vulnerable. Shots placed independently of each other within a 3-foot by 3-foot area on the tank surface. Following projectile test, primary tank shall show no signs of leakage when subjected to the leakage test for primary tanks per UL 2085 22.2.
- Inner tank with sealed, double wall containment shell.
- Designed for stationary storage of diesel fuel.
- Tank and containment area factory pressure tested for tightness at 3 - 5 psig.
- Typical options include:
  - ◇ 1" removable supply dip tube, 2" NPT fitting.
  - ◇ Engine return fitting, 2" NPT.
  - ◇ 2" or 3" NPT normal vent cap with screen for atmospheric venting. Includes pipe riser.
  - ◇ 3"- 8" NPT appropriately sized emergency pressure relief vent. 2" Manual fuel fill cap. Flip top design. Cap accepts user provided lock.
  - ◇ Upright sight gauge for monitoring fuel level in tank.
  - ◇ Low fuel level switch.
  - ◇ Fuel-in-basin leak detection switch.
  - ◇ Day Tank Configuration: Includes pump, motor and Tramont System 2000PLUS™ Electronic Control Module (ECM) to allow automatic filling of tank from another source and monitoring of fuel level conditions.



Tramont Manufacturing UL-142 Fireguard Protected Rectangular Main Tank.