



## SPECIFICATION

### PLASTEEL COMPOSITE® SINGLE-WALL

#### UNDERGROUND FLAMMABLE AND COMBUSTIBLE LIQUIDS STORAGE TANK

TANK SHALL BE UNDERWRITERS LABORATORIES, INC. (UL) LISTED AND BEAR THE LISTING MARK FOR "COMPOSITE UNDERGROUND TANK FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS". UL LABEL SHALL STATE "THIS TANK PROVIDES CORROSION PROTECTION". THE UL ATMOSPHERIC STEEL TANK SHALL BE OF MILD STEEL PLATE, ALL WELDED CONSTRUCTION, MANUFACTURED TO UL STANDARD 58, STEEL UNDERGROUND TANKS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS. THE LISTING SHALL INCLUDE THE UL EXTERNAL PRESSURE TEST PER UL STANDARD 58, PARAGRAPH 18.

THE UL LISTING SHALL COVER THE ENTIRE TANK ASSEMBLY. THE ENTIRE U.L. LISTED ASSEMBLY SHALL COMPLY WITH UL STANDARD 1746, PART II, EXTERNAL CORROSION PROTECTION SYSTEMS FOR STEEL UNDERGROUND TANKS.

THE TANK SHALL BE COMPATIBLE FOR THE STORAGE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS INCLUDING MOTOR OILS, FUEL OILS AND MOTOR VEHICLE FUELS INCLUDING, BUT NOT LIMITED TO, GASOLINE, GASOLINE BLENDED WITH ETHANOL OR METHANOL, 100% ETHANOL, 100% METHANOL, 100% MTBE, 100% ETBE, AVIATION FUELS, DIESEL FUEL, AND KEROSENE.

PRIOR TO SHIPMENT FROM THE FACTORY, THE EXTERIOR SEAMLESS FRP CORROSION PROTECTION LAMINATE SHALL SHOW NO HOLIDAYS (PINHOLES) WHEN USING A TINKER & RASOR MODEL AP-W HOLIDAY DETECTOR OR EQUIVALENT SET AT 35,000 VOLTS.

THE TANK MANUFACTURER SHALL PROVIDE INSTALLATION INSTRUCTIONS AND A KIT OF MATERIALS AND RESIN FOR SEALING ALL EXPOSED METAL ON TANK FITTINGS AND LIFT LUGS DURING TANK INSTALLATION. THE TANK IS TO BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 30 AND THE REGULATIONS OF THE AUTHORITY HAVING JURISDICTION (AHJ).

OPERATION OF THE TANK MUST BE AT ATMOSPHERIC PRESSURE, TEMPERATURE MUST NOT EXCEED 150° F (65° C) AND THE TANK MUST BE OPERATED IN COMPLIANCE WITH THE AHJ.

WEBSITE: [www.plasteel.com](http://www.plasteel.com)