



Sample Engineering Specification

EverTUFF® CTS CPVC Marine Hot & Cold Water Distribution System

Spears® EverTUFF® CPVC CTS Hot & Cold Water Distribution System shall be manufactured in the U.S.A. and constructed from CPVC 4120 with minimum Cell Classification of 23447 per ASTM D1784. EverTUFF® CPVC CTS Hot & Cold Water Distribution System shall be produced to applicable requirements of ASTM D 2846 and rated to 100 psi at 180°F, unless specifically designated for cold water service only. Solvent cement shall be produced to applicable requirements of ASTM D 2846 and ASTM F 493. All supply stops shall be 1/4 turn angle or straight pattern CPVC with NPT or Compression male thread outlets. All ball valves shall be CPVC sealed unit type with EPDM O-ring and double stop Polypropylene handle in either Commercial or Residential design. EverTUFF® CPVC CTS Hot & Cold Water Distribution System shall be certified lead-free for potable water use by NSF International in accordance with NSF® 61 and NSF® 372.

EverTUFF® CPVC CTS Hot & Cold Water Distribution System shall be approved by the United States Coast Guard, meet the low flame spread requirements and smoke and toxicity requirements of the IMO 2010 FTP Code Annex 1. Parts 2 and 5, and may be installed in accommodation, service and control spaces without meeting the additional requirements of Title 46 CFR 56.60-25(a) (2) as manufactured by Spears® Manufacturing Company.

All pipe, fittings, and cement shall be supplied together as a complete system with a Limited Lifetime Warranty, as EverTUFF® CPVC CTS Hot & Cold Water Distribution System manufactured by Spears® Manufacturing Company.

All EverTUFF® CPVC CTS pipe and solvent cement (CTS-5) shall be GREENGUARD GOLD certified to UL 2818 by Underwriters Laboratories.