



FlameGuard[®], LabWaste[®], EverTUFF[®] CTS and Marine CPVC Installer Protection Plan Approved Products List

The following commercial products have been tested and evaluated by Spears[®] for acceptable use with Spears[®] CPVC Products:

1. Firestop Sealants

- Bio Fireshield Biostop[®] 500+
- Bio Fireshield Biostop[®] 150+
- Bio Fireshield Biostop[®] 350i
- Boss Fire & Safety - FireMastic-HPE Firestop Sealant
- Boss Fire & Safety - FireMastic-300 Firestop Sealant
- Boss[®] Products - BOSS[®] 813 Firestop
- Boss[®] Products - BOSS[®] 816 Intumescent Firestop Sealant
- FSI Pyrocoustic[®]
- Hilti - FS-One High Performance Intumescent Firestop Sealant
- Hilti - FS-One Max High Performance Intumescent Firestop Sealant
- Hilti - CP 606 Flexible Firestop Sealant
- Hilti - CP 601S Elastomeric Firestop Sealant
- Hilti - CFS-S SIL GG Firestop Sealant
- Jayco Firestop[™] Sealant
- Specified Technologies (STI) – SpecSeal[®] SSS Sealant
- Specified Technologies (STI) – SpecSeal[®] LCI Sealant
- Specified Technologies (STI) – BlazeStop[™] WF300 Intumescent Firestop Caulk
- Specified Technologies (STI) – SpecSeal[®] LC Sealant
- Specified Technologies (STI) – SpecSeal[®] SIL Sealant
- Specified Technologies (STI) – SpecSeal[®] SIL S/L Sealant
- Specified Technologies (STI) – SpecSeal[®] AS Spray
- FPPI/Tremco[®] – Caulk & Walk Firestop Sealant
- 3M[™] Fire Barrier Water Tight Sealant 1003 SL
- 3M[™] Fire Barrier Water Tight Sealant 1000 NS
- 3M[™] Fire Barrier Water Tight Sealant 3000 WT
- 3M[™] Fire Barrier Sealant IC 15WB+
- RectorSeal[®] Metacaulk[®] 1000 Firestop Sealant
- RectorSeal[®] Metacaulk[®] MC 150+ Firestop Sealant
- RectorSeal[®] Metacaulk[®] 350i Firestop Sealant
- White Lightning[®] Flame Buster[®] Sealant

2. Firestop Foams

- Handi-Foam[®] Fireblock Sealant by Fomo Products, Inc.
- Touch n' Foam Fire Break Sealant

3. Ancillary Products

- Specified Technologies (STI) – SpecSeal[®] SNS Spray/Sealant (Smoke "N" Sound)

4. Firestop Wraps and Sleeves

- Walraven BIS Pacifyre[®] MK II Fire Sleeve Insulation
- 3M[™] Ultra GS Wrap Strip GS-40 Firestop Wrap
- Hilti CF 810 CJ Insulating Foam
- Hilti CF-AS CJP Insulating Foam

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5. Foam Insulations

- Boss® Products - BOSS® 333 Polyurethane Expanding Foam
- Dow® – Great Stuff “Gaps & Cracks” Foam Sealant (non-professional version)

6. Caulks

- Dow Corning® 795 Silicone Building Sealant
- DAP Alex Plus Latex Caulk Plus Silicone

7. Fire Barriers

- Flame Safe Fire Poly FPCC
- Contego Fire Barrier Latex Primer
- Shield Industries ForceField® FireGuard E-84®

8. Antifreeze

- Follow NFPA Guidelines – DO NOT use Glycol antifreeze solutions.

9. Anti MIC Coated Antimicrobial Metal Pipe

NOTE: Factory applied coatings only, after market coatings are NOT covered.

Antimicrobial Internally Coated Steel Pipe on Hybrid Systems

FM Approvals is one of several nationally recognized testing laboratories in the United States and offers information on the compatibility of antimicrobial internally coated steel pipe. FM's approval relates only to the acceptability of manufacturer's applied anti-mic coatings to steel pipe. [Click Here for FM Approvals](#) (Requires Website Registration)

10. Thread Sealants

- Spears® BLUE 75™ Thread Sealant
- Generic: PTFE Tape Thread Sealant (3.5 mil minimum), or use Spears® Gasket Sealed SofTorque™ and TorqueSafe™ head adapters that require NO Tape or Paste.
- FPPI® PipeFit® Thread Sealant
- J.C. Whitlam Blue Magic Industrial Thread Compound
- J.C. Whitlam Talon PTFE Compound Zero V.O.C Thread Sealant
- Permabond® LH056 Thread Sealant - For metal threads only. Approved for use in combination with metal systems.
- Mill-Rose Blue Monster™ Heavy-Duty Industrial Grade with PTFE
- Mill-Rose Blue Monster™ Paste Thread Sealant
- RectorSeal® No. 5
- Oatey Great White Pipe Joint Compound with PTFE
- LA-CO® Leak-Tite® Blue
- LA-CO® Slick-Tite® Paste with PTFE
- Brecco Anaerobic Pipe Sealant

11. Thread Anti-Seize

- IMS High Heat Copper Flake Thread Lube and Anti-Seize #103783
- LA-CO EZ Break® Copper Grade

12. Cutting Oils

- Ridgid® Company - Ridgid® NU Clear
- Lube-Tech® / Lubrication Technologies - Ace Transul-Kut 3200

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Cutting Oils (continued)

- Walker industries - CL-Free Plus
- Fire Protection Products, Inc. (FPPI®) - ThreadFit® Clear Cutting Oil

13. Gasket Lubricant

- FPPI® LubeFit Gasket Lubricant

14. Foam Pipe Insulation

- AP/Armaflex Black Tube Insulation
- Nomaco® Imcolock® Foam Insulation
- Nomaco® Nomalock® Foam Insulation
- K-Flex® Isul-Tube®

15. Mold Inhibitors and Cleaners

- Eco Building Products – Eco Red Shield™
- Anabec Systems newBUILD White
- Anabec Systems newBUILD Clear
- Anabec Systems newBUILD Blue
- Anabec Systems X70 Clear
- Anabec Systems X70 White
- Anabec Systems X70 Blue
- Anabec Systems X90

16. Hangers/Supports*

- Holdrite #220 Series Suspension Clamp (NOTE: Not approved for FlameGuard® applications)
- Clic® (NOTE: Clic hangers are not approved for FlameGuard® applications)
- IPS Water-Tite Insulation Suspension Clamps
- Erico Caddy Easy Snap Grommet
- PHD Manufacturing®
- Tolco
- B-Line

*It is the installing contractor's responsibility to ensure that the hangers & supports used are appropriate for the application and have any and all required listings and/or approvals.

17. Miscellaneous Ancillary Products

- FlexHead Flexible Drops (For FlameGuard® only)
- Kolbi Wrap Around Pipe Marker
- Henkel OSI SC-175 Draft and Acoustical Sound Sealant
- Ward Flex CSST Gas Tubing
- Victaulic® Vic-Flex™ Sprinkler Fittings Series AH2 Braided Flexible Hose
- Victaulic® VicFlex™ Dry Sprinkler Style VS1
- Cal-Western Converting Plumbers Felt (Adhesive backed)

18. Plastic Sheeting

- Poly-America 6 Mil Clear (Natural) Polyethylene Sheeting
- Poly-America 4 Mil Black Polyethylene Sheeting
- HDX Black 3.5 mil Plastic Sheeting
- HDX Clear 6 mil Plastic Sheeting

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19. Fungicide's, Termiticide's and Insecticides

- Fiberlock AfterShock Fungicidal Coating
- InCide Technologies "Board Defense" Insecticide, Termiticide and Fungicide.
- Troy Polyphase 678 Fungicide
- Troy Polyphase PW40 Fungicide
- Borathor Max PT Termiticide

20. Tapes and Adhesive Sprays

- 3M[™] Super 77[™] Multipurpose Spray Adhesive
- Skyline 5S105 Strapping Tape
- Abatix[®] Max[®] Heavy-Duty Spray Adhesive
- Gorilla Tape
- CF120 FrogTape[®] Pro Painters Tape
- 3M Blue Painters Tape
- 3M Contractor Grade Duct Tape 2979
- Scotch General Purpose Masking Tape
- Tara Tape #200 TPP.

21. Flexible Ducting

- Hart/Cooley F114 Residential Series Flexible Air Ducts
- Thremaflex Flex-Vent KP Flexible Duct
- Atco Flexible Duct System
- JPL MHP-25 Flexible Air Duct

22. Duct Sealants

- Hercules MTS100 Latex Duct Sealant
- Polywater FST Foam Duct Sealant.

23. Heat Trace Cables

- Nelson[™] Type CLT Self-Regulating Heat Trace Cable (FlameGuard[®] and EverTUFF[®] CTS use only)
- Raychem XL-Trace Heat Cable with Tape

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This Installer Protection Plan does NOT cover:

- Pipe that has been allowed to freeze by homeowner or contractor.
- “Acts of God”, i.e., tornadoes, earthquakes, landslides, etc.
- Poor workmanship and installation errors.

Spears® laboratory testing has shown these products to be compatible with satisfactory performance in normal installation of CPVC products. However, the potential for compatibility problems can be present in installations where CPVC materials are highly stressed. Such situations include, but are not limited to, inadequate compensation for thermal expansion and contraction, excessive bending beyond specified limits, improper pipe hanger or anchor selection or installation, over tightening of threaded joints, and other improper CPVC installation practices yielding high stress loads. Proper installation of each product in accordance with the manufacturer’s published Installation Instructions, Spears® FlameGuard® CPVC Fire Sprinkler Products Installation Instructions, EverTUFF® CTS CPVC Installation Instruction, and LabWaste® CPVC Corrosive Waste Drainage System Installation Instructions is essential. PLEASE NOTE: Not all products listed are suitable for all applications. Check product requirements.

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