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

Updated 02-08-2017 **FGAPL-7**

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

1. **Firestop Sealants, Caulks, Sleeves and Foam Insulations (spray can applied)**
   - 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
   - Boss® Products - BOSS® 333 Polyurethane Expanding Foam
   - 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 - CP 506 Smoke and Acoustic Sealant
   - Hilti - CFS-S SIL GG Firestop Sealant
   - Hilti CF 810 CJ Insulating Foam
   - Hilti CF-AS CJP Insulating Foam
   - Jayco Firestop™
   - 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® SNS Sealant
   - Specified Technologies (STI) – SpecSeal® AS Spray
   - Specified Technologies (STI) – SpecSeal® SNS 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+
   - 3M™ Ultra GS Wrap Strip GS-40 Firestop Wrap
   - RectorSeal® Metacaulk® 1000 Firestop Sealant
   - RectorSeal® Metacaulk® MC 150+ Firestop Sealant
   - RectorSeal® Metacaulk® 350i Firestop Sealant
   - Walraven BIS Pacifyre® MK II Fire Sleeve Insulation
   - White Lightning® Flame Buster®
   - Handi-Foam® Fireblock Sealant by Fomo Products, Inc.
   - Dow® – Great Stuff “Gaps & Cracks” Foam Sealant (non-professional version)
   - Dow Corning® 795 Silicone Building Sealant
   - DAP Alex Plus Latex Caulk Plus Silicone

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

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

4. **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)

5. **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® T Plus 2 Pipe Thread Sealant with PTFE
   - 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

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

7. **Cutting Oils**
   - Ridgid® Company - Ridgid® NU Clear
   - Lube-Tech® / Lubrication Technologies - Ace Transul-Kut 3200
   - Walker industries - CL-Free Plus
   - Brecco Brecoil
   - Fire Protection Products, Inc. (FPPI®) - ThreadFit® Clear Cutting Oil

8. **Gasket Lubricant**
   - FPPI® LubeFit Gasket Lubricant

9. **Foam Pipe Insulation**
   - AP/Armaflex Black Tube Insulation
   - Nomaco® Imcolock® Foam Insulation
   - Nomaco® Nomalock® Foam Insulation

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10. Wood Protectant Coatings

- 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

11. Hangers/Supports*

- Holdrite #220 Series Suspension Clamp (NOTE: Not approved for FlameGuard® applications)
- Clic® (NOTE: Clic hangers are not approved for FlameGuard® applications)
- Tolco
- B-Line
- PHD Manufacturing®

*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

12. Miscellaneous Ancillary Products

- JPL MHP-25 Flexible Air Duct
- Poly-America 6 Mil Clear (Natural) Polyethylene Sheeting
- Poly-America 4 Mil Black Polyethylene Sheeting
- 3M™ Super 77™ Multipurpose Spray Adhesive
- Hart/Cooley F114 Residential Series Flexible Air Ducts
- Fiberlock AfterShock Fungicidal Coating
- InCide Technologies "Board Defense" Insecticide, Termiticide and Fungicide.
- FlexHead Flexible Drops (For FlameGuard® only)
- Erico Caddy Easy Snap Grommet
- Kolbi Wrap Around Pipe Marker
- Henkel OSI SC-175 Draft and Acoustical Sound Sealant
- Atco Flexible Duct System
- K-Flex® Isul-Tube®
- Skyline 5S105 Strapping Tape
- Abatix® Max® Heavy-Duty Spray Adhesive
- Ward Flex CSST Gas Tubing
- Raychem XL-Trace Heat Cable with Tape
- HDX Black 3.5 mil Plastic Sheeting
- HDX Clear 6 mil Plastic Sheeting
- Victaulic® Vic-Flex™ Sprinkler Fittings Series AH2 Braided Flexible Hose
- Victaulic® VicFlex™ Dry Sprinkler Style VS1
- Troy Polyphase 678 Fungicide
- Troy Polyphase PW40 Fungicide
- Nelson™ Type CLT Self-Regulating Heat Trace Cable (FlameGuard® and EverTUFF® CTS use only)
- Thremaflex Flex-Vent KP Flexible Duct
- Cal-Western Converting Plumbers Felt (Adhesive backed)

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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 Corrosisive 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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