

BlazeMaster®

FIRE SPRINKLER SYSTEMS

Listings & Approvals- Checklist

Listings, Approval and Enhancements

- UL Listed (UL 1821)
 - Can be flush at return air plenums
 - Mechanical cut-in tee & crosses concealed with Grinnell figure 730 fittings
 - Mechanical cut-in tee & crosses exposed with Grinnell figure 730 fittings (11/1/05)
 - Exposed system risers NFPA 13D, 13R
 - Exposed basement NFPA 13D (solid wood joist)
 - Extended coverage (exposed)
 - 20' spacing on pendent in lieu of 15'
 - 18' spacing on sidewall in lieu of 14'
 - Use will combustible concealed sprinklers
 - Tyco attic sprinkler head (to protect the floor below)
 - Tyco attic sprinkler head with wet system piping (feed main and ridge installation)
 - Exposed sidewall sprinkler Listing for exposed pipe & fittings
 - 24' extended coverage sidewall sprinkler, 12" drop, 155°F sprinkler head
 - 18' extended coverage sidewall sprinkler, 12" drop, 165°F sprinkler head
 - 16' extended coverage sidewall sprinkler, 12" drop, 175°F sprinkler head
 - 14' extended coverage sidewall sprinkler, 12" drop, 200°F sprinkler head
 - ULC or CUL Listed
 - Factory Mutual Approved
 - Factory Mutual Approval exposed
 - Factory Mutual Approval above drop-in ceilings
 - Factory Mutual Approval exposed w/ Soffi-Steel soffit covering system
 - LPCB Approval
 - Pressure rated system by Plastics Pipe Institute (PPI) both pipe and fittings
 - Cell class 23547 CPVC pipe
 - Cell class 23447 CPVC fittings
 - Size available up to 3" in diameter

BlazeMaster® Pipe & Fittings	Non-BlazeMaster® Fittings	Non-BlazeMaster® Pipe
X	X	Up to 2"
X	X	Up to 2"
X	-	-
X	-	-
X	X	Up to 2"
X	X	Up to 2"
X	X	Up to 2"
X	X	Up to 2"
X	X	Up to 2"
CC1, CC2, COIN	CC2, CC1, COIN	CC1, COIN, Victaulic V2502
X	X	-
X	-	-
X	-	-
X	-	-
X	-	-
X	-	-
X	X	-
X	X	Up to 2"
X	-	-
X	-	-
X	-	-
X	-	-
X	-	-
X	-	-
X	-	-
X	X	Up to 2"

Other Differentiation

World Class CPVC R&D center and technical service support department
 Problem solving CPVC technical service representatives
 Approved commercial product sold for over 20 years
 Back by over 40 years of CPVC resin and compound manufacturing experience
 Invented CPVC
 CPVC resin & compound from ISO 9002 mfg. sites
 (85% of finished product is resin, 15% other)
 CPVC resin & compound made in United States
 Developed UL approved cut-in procedure
 Chemical compatibility program (ancillary products)
 System tool program
 Pipe exceeds ASTM standards (ID, OD tolerances)
 Universal multi-manufacturer CPVC pipe "Quality Assurance Program"

BlazeMaster® Pipe & Fittings	Non BlazeMaster® Fittings	Non-BlazeMaster® Pipe
X	-	-
X	-	-
Since 1984	1yr. w/ new comp.	4 years pipe
X	-	-
X	-	-
X	-	-
X	Compound only	Compound only
X	-	-
X	-	-
X	-	-
X	-	Only meets
X	-	-

**BlazeMaster system requires that all CPVC products are made of BlazeMaster CPVC-
 mixing other non-BlazeMaster CPVC products results in a lowest common
 denominator system**

The above data is based on UL and FM reported Listings and Approvals as of 9/30/05.
 Check with UL or FM for future updates on Listings and Approval enhancements.



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