

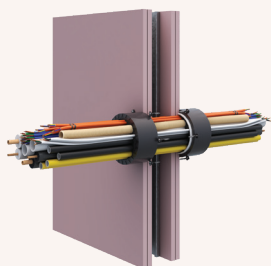
FIREFLY Systems Update

November 2025

In this update of FAS190236 - RIR 1.24, we introduce multi-service collars designed for installation on plasterboard walls and hollow masonry block walls. Additional enhancements include a concentric arrangement accommodating up to ten nitrile-lagged copper pipes, alongside improved solutions for plastic pipes such as uPVC, PP-MD, and pressure pipes using the FRF series of fire collars.

Details as below.

FAS190236 RIR 1.24



Products
FIREFLY HP
FIREFLY FRF 100 collar

V558A | -/120/120
V558B | -/90/90
V558C | -/60/60

Multiple service bundle incorporating any combination of the services listed below:

PEX-a pipes: 4 × DN16 (WT 2.2) + 5 × DN20 (WT 2.8) + 1 × DN25 (WT 3.5) + 2 × DN32 (WT 4.4)

PEX-AL-PEX pipes: 4 × DN16 (WT 2.6) + 5 × DN20 (WT 2.9) + 3 × DN25 (WT 3.7) + 2 × DN32 (WT 4.7)

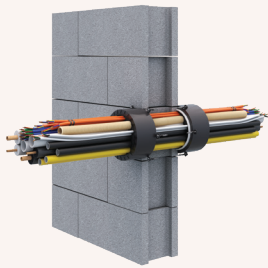
Up to 7 × Ø32 mm uPVC conduits each with: 13 × 1.5 mm² 2C, fire alarm cables + 10 × 1.5 mm² 2C+E TPS cables + 6 × 2.5 mm² 2C+E TPS cables + 21 × CAT5e cables + 14 × CAT6 cables + 8 × RG6 Coax cables + 1 empty conduit

Mixed cable bundle including up to: 4 × 16 mm² 3C + E PVC cables + 5 × 6 mm² 3C + E PVC cables + 23 × 1.5 mm² 2C fire alarm cables + 10 × 1.5 mm² 2C + E TPS cables + 6 × 2.5 mm² 2C+E TPS cables + 17 × CAT5e cables + 14 × CAT6 cables + 9 × RG6 Coax cables

Aircon bundles: 2 × 3/8 + 5/8 FR pair coil with 10 mm insulation + 1 × Ø 18 mm Condensate hose + 2 × 6 mm² 3C + E PVC cables + 2 × 2.5 mm² 2C + E TPS cables

1 × 3/8 + 5/8 FR pair coil with 19 mm insulation + 1 × Ø 18 mm Condensate hose + 3 × 6 mm² 3C + E PVC cables + 2 × 2.5 mm² 2C + E TPS cables + 1 × Ø 20 mm uPVC conduit with: 2 × 2.5 mm² 2C+E TPS cables

*WT denotes wall thickness



Multiple service bundle incorporating any combination of the services listed below:

PEX-a pipes: 4 × DN16 (WT 2.2) + 5 × DN20 (WT 2.8) + 1 × DN25 (WT 3.5) + 2 × DN32 (WT 4.4)

PEX-AL-PEX pipes: 4 × DN16 (WT 2.6) + 5 × DN20 (WT 2.9) + 3 × DN25 (WT 3.7) + 2 × DN32 (WT 4.7)

Up to 7 × Ø32 mm uPVC conduits each with: 13 × 1.5 mm² 2C, fire alarm cables + 10 × 1.5 mm² 2C+E TPS cables + 6 × 2.5 mm² 2C + E TPS cables + 21 × CAT5e cables + 14 × CAT6 cables + 8 × RG6 Coax cables + 1 empty conduit

Mixed cable bundle including up to: 4 × 16 mm² 3C + E PVC cables + 5 × 6 mm² 3C + E PVC cables + 23 × 1.5 mm² 2C fire alarm cables + 10 × 1.5 mm² 2C+E TPS cables + 6 × 2.5 mm² 2C+E TPS cables + 17 × CAT5e cables + 14 × CAT6 cables + 9 × RG6 Coax cables

Aircon bundles: 2 × 3/8 + 5/8 FR pair coil with 10 mm insulation + 1 × Ø 18 mm Condensate hose + 2 × 6 mm² 3C + E PVC cables + 2 × 2.5 mm² 2C + E TPS cables

1 × 3/8 + 5/8 FR pair coil with 19 mm insulation + 1 × Ø 18 mm Condensate hose + 3 × 6 mm² 3C + E PVC cables + 2 × 2.5 mm² 2C + E TPS cables + 1 × Ø 20 mm uPVC conduit with: 2 × 2.5 mm² 2C+E TPS cables

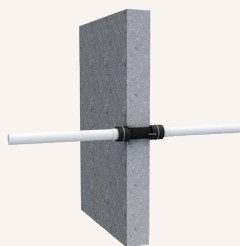
*WT denotes wall thickness

Products
FIREFLY HP
FIREFLY FRF 100 collar

V559A | -/120/120

V559B | -/90/90

V559C | -/60/60



DN40 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

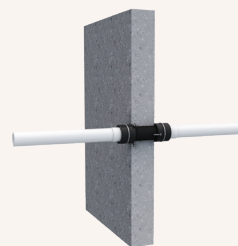
Products
FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 40 collar

V560A | -/180/180

V560B | -/120/120

V560C | -/90/90

V560D | -/60/60



DN50 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

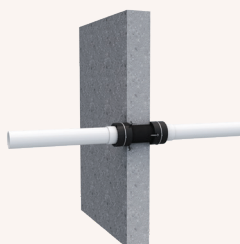
Products
FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 50 collar

V561A | -/180/180

V561B | -/120/120

V561C | -/90/90

V561D | -/60/60



DN65 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

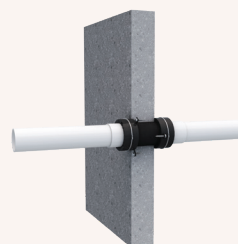
Products
FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 65 collar

V562A | -/180/180

V562B | -/120/120

V562C | -/90/90

V562D | -/60/60



DN80 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

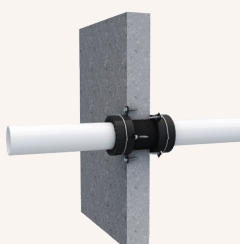
Products
FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 80 collar

V563A | -/180/180

V563B | -/120/120

V563C | -/90/90

V563D | -/60/60



DN100 uPVC pipe only

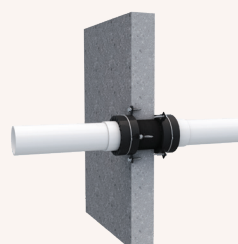
Products
FIREFLY HP
FIREFLY FRF 100 collar

V564A | -/180/180

V564B | -/120/120

V564C | -/90/90

V564D | -/60/60



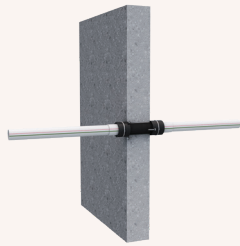
DN100 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLY HP
FIREFLY FRF 100 collar

V565A | -/120/120

V565B | -/90/90

V565C | -/60/60



DN40 PP-MD acoustic pipe
with or without pipe socket or
coupling within the FIREFLY
FRF collar

Products

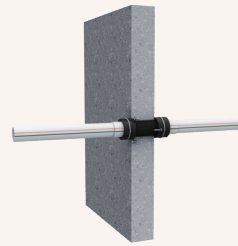
FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 40 collar

V566A | -/180/180

V566B | -/120/120

V566C | -/90/90

V566D | -/60/60



DN50 PP-MD acoustic pipe
with or without pipe socket or
coupling within the FIREFLY
FRF collar

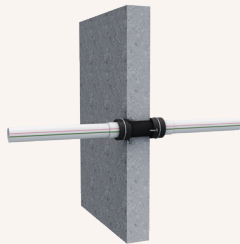
Products

FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 50 collar

V567A | -/120/120

V567B | -/90/90

V567C | -/60/60



DN75 PP-MD acoustic pipe
with or without pipe socket or
coupling within the FIREFLY
FRF collar

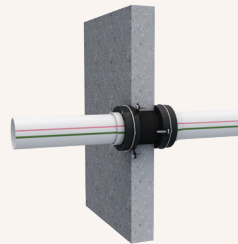
Products

FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 80 collar

V568A | -/120/120

V568B | -/90/90

V568C | -/60/60



DN110 PP-MD acoustic pipe
with or without pipe socket or
coupling within the FIREFLY
FRF collar

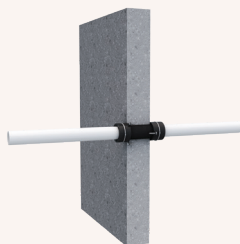
Products

FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 100 collar

V569A | -/120/120

V569B | -/90/90

V569C | -/60/60



DN50 uPVC Class 12 Pressure
Pipe

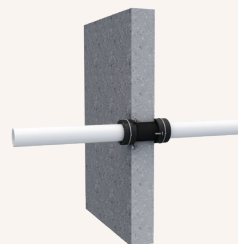
Products

FIREFLY HP
FIREFLY FRF 50 collar

V570A | -/120/120

V570B | -/90/90

V570C | -/60/60



DN65 uPVC Class 12 Pressure
Pipe

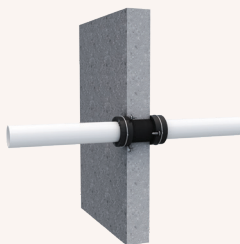
Products

FIREFLY HP
FIREFLY FRF 65 collar

V571A | -/120/120

V571B | -/90/90

V571C | -/60/60



DN80 uPVC Class 12 Pressure
Pipe

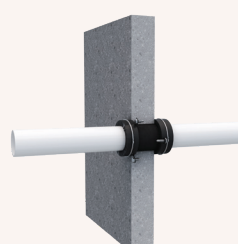
Products

FIREFLY HP
FIREFLY FRF 80 collar

V572A | -/120/120

V572B | -/90/90

V572C | -/60/60



DN100 uPVC Class 12
Pressure Pipe

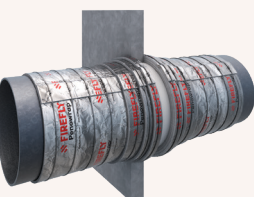
Products

FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 100 collar

V573A | -/120/120

V573B | -/90/90

V573C | -/60/60

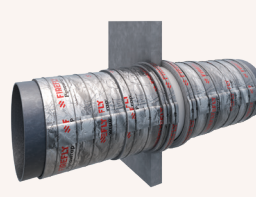


Steel pipes NB200 to NB500

Products

FIREFLYMastic
FIREFLY Penowrap

V574 | -/120/120

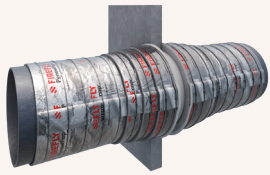


Steel pipes NB200 to NB500

Products

FIREFLYMastic
FIREFLY Penowrap

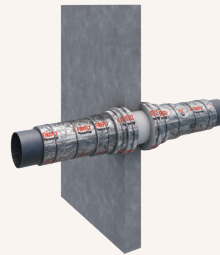
V575 | -/180/180



Steel pipes NB200 to NB500

Products
FIREFLYMastic
FIREFLY Penowrap

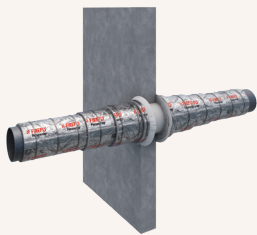
V576 | -/240/240



Steel pipes NB125 and NB150

Products
FIREFLYMastic
FIREFLY Penowrap

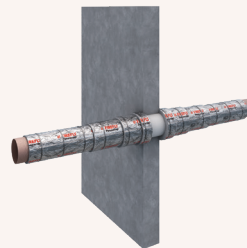
V577 | -/180/180



Steel pipes NB125 and NB150

Products
FIREFLYMastic
FIREFLY Penowrap

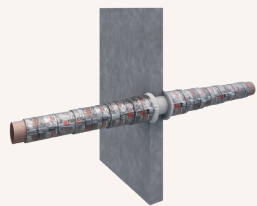
V578 | -/240/240



Copper pipes DN50 to DN100

Products
FIREFLYMastic
FIREFLY Penowrap

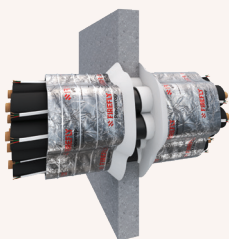
V579 | -/180/180



Copper pipes DN50 to DN100

Products
FIREFLYMastic
FIREFLY Penowrap

V580 | -/240/240



Up to 10 Type B copper pipes with nitrile lagging and up to 10 x 2.5 mm 2C+E TPS cables

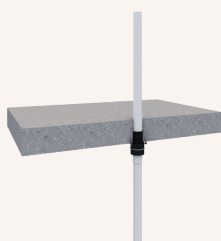
Copper pipe size – DN20 lagging thickness range 13 mm to 32 mm.

Copper pipe size > DN20 up to DN32 lagging thickness range 25 mm to 38 mm.

Products
FIREFLYMastic/BG, FIREFLYStrap, FIREFLY HP, FIREFLY Penowrap

V581A | -/120/120

V581B | -/90/90



DN40 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

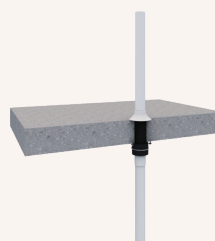
Products
FIREFLY HP or
FIREFLYStrap
FIREFLY FRF 40

H264A | -/180/180

H264B | -/120/120

H264C | -/90/90

H264D | -/60/60



DN50 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLY HP with FIREFLY-Mastic or FIREFLYStrap
FIREFLY FRF 50 Collar

H265A | -/180/180



DN50 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 50 collar

H265B | -/120/120
H265C | -/90/90

H265D | -/60/60



DN65 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLY HP with FIREFLY-Mastic or FIREFLYStrap
FIREFLY FRF 65 collar

H266A | -/180/180

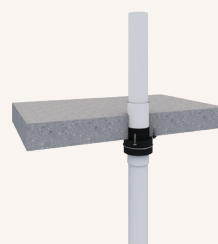


DN65 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 65 collar

H266B | -/120/120
H255C | -/90/90

H266D | -/60/60



DN80 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 80 collar

H267A | -/180/180
H267B | -/120/120

V267C | -/90/90
V267D | -/60/60



DN100 uPVC pipe only

Products
FIREFLY HP
FIREFLY FRF 100 collar

H268A | -/180/180
H268B | -/120/120

H268C | -/90/90
H268D | -/60/60



DN100 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLY HP
FIREFLY FRF 100 collar

H269A | -/120/120
H269B | -/90/90

H269C | -/60/60



DN150 uPVC pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLY HP
FIREFLY FRF 150 collar

H270A | -/120/120
H270B | -/90/90

H270C | -/60/60



DN40 PP-MD acoustic pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLY HP with FIREFLY-Mastic or FIREFLYStrap
FIREFLY FRF 40 Collar

H271A | -/180/180



DN40 PP-MD acoustic pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLY HP or
FIREFLYStrap
FIREFLY FRF 40 Collar

H271B | -/120/120
H271C | -/90/90

H271D | -/60/60



DN50 PP-MD acoustic pipe with or without pipe socket or coupling within the FIREFLY FRF collar

Products
FIREFLY HP or
FIREFLYStrap
FIREFLY FRF 50 Collar

H272A | -/120/120
H272B | -/90/90

H272C | -/60/60

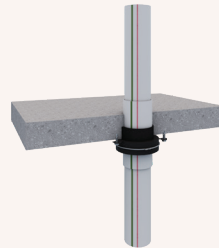


DN75 PP-MD acoustic pipe
with or without pipe socket or
coupling within the FIREFLY
FRF collar

Products
FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 80 collar

H273A | -/120/120
H273B | -/90/90

H273C | -/60/60



DN100 PP-MD acoustic pipe
with or without pipe socket or
coupling within the FIREFLY
FRF collar

Products
FIREFLYStrap or
FIREFLY HP
FIREFLY FRF 100 collar

H274A | -/120/120
H274B | -/90/90

H274C | -/60/60

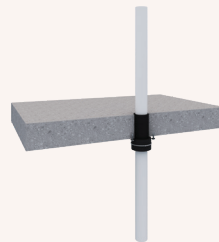


DN40 uPVC Class 12 Pressure
Pipe

Products
FIREFLY HP
FIREFLY FRF 40 collar

H275A | -/120/120
H275B | -/90/90

H2675C | -/60/60



DN50 uPVC Class 12 Pressure
Pipe

Products
FIREFLY HP
FIREFLY FRF 50 collar

H276A | -/120/120
H276B | -/90/90

H276C | -/60/60

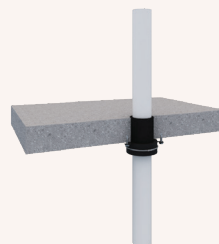


DN65 uPVC Class 12 Pressure
Pipe

Products
FIREFLY HP
FIREFLY FRF 65 collar

H277A | -/120/120
H277B | -/90/90

H2677C | -/60/60



DN80 uPVC Class 12 Pressure
Pipe

Products
FIREFLY HP
FIREFLY FRF 80 collar

H278A | -/120/120
H278B | -/90/90

H278C | -/60/60



DN100 uPVC Class 12
Pressure Pipe

Products
FIREFLY HP
FIREFLY FRF 100 collar

H279A | -/120/120
H279B | -/90/90

H279C | -/60/60



Steel pipes NB200 up to
NB500

Products
FIREFLYMastic
FIREFLY Penowrap

H280 | -/120/120



Steel pipes NB200 up to
NB500

Products
FIREFLYMastic
FIREFLY Penowrap

H281 | -/180/180



Steel pipes NB200 up to
NB500

Products
FIREFLYMastic
FIREFLY Penowrap

H282 | -/240/240



Steel pipes NB125 and NB150

Products

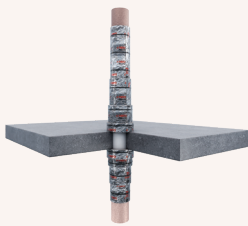
FIREFLYMastic
FIREFLY Penowrap

H283 | -/180/180


Steel pipes NB125 and NB150

Products

FIREFLYMastic
FIREFLY Penowrap

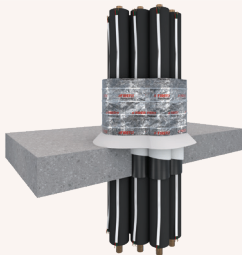
H284 | -/240/240

Copper pipes DN50 up to
DN100

FIREFLYMastic
FIREFLY Penowrap

H2685 | -/180/180

Copper pipes DN50 up to
DN100

FIREFLYMastic
FIREFLY Penowrap

H286 | -/240/240

Up to 10 Type B copper pipes with nitrile lagging and up to 10 x 2.5 mm² 2C+E TPS cables

Copper pipe size – DN20 lagging thickness range 13 mm to 32 mm.

Copper pipe size > DN20 up to DN32 lagging thickness range 25 mm to 38 mm.

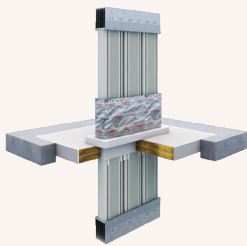
Products

FIREFLYMastic / BG, FIREFLYstrap, FIREFLY HP, FIREFLY Penowrap

H287 | -/120/120

252024 RIR 1.2

Our busduct report 252024 RIR 1.2 has been updated with recent testing on EAE cast-resin busducts. The CCRA and CCRC series offer solutions up to -/240/240 using FIREFLYBatt and FIREFLYMortar as main protection. Additionally, the KXA and KXC series of EAE busducts have been relocated from FAS190235 to find a new home in 252024. Below are the highlights:

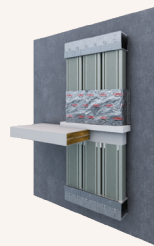


Up to -/240/240

CCRA range of busducts –
Horizontal substrates

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYBatt

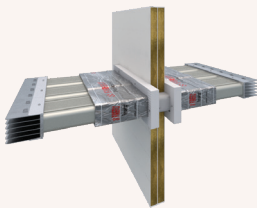


Up to -/240/240

CCRA range of busducts –
Horizontal substrates (Close
to edge against wall)

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYBatt

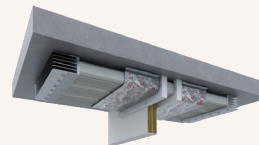


Up to -/240/240

CCRA range of busducts –
Vertical substrates

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYBatt

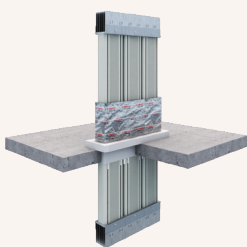


Up to -/240/240

CCRA range of busducts –
Vertical substrates (Close to
edge against slab)

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYBatt



Up to -/240/240

CCRA range of busducts –
Horizontal substrates

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYMortar

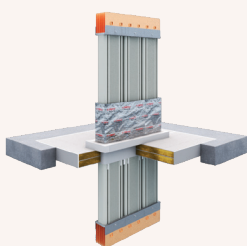


Up to -/240/240

CCRA range of busducts –
Horizontal substrates (Close
to edge against wall)

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYMortar

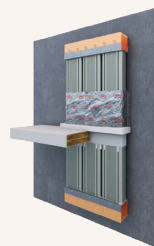


Up to -/240/240

CCRC range of busducts –
Horizontal substrates

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYBatt

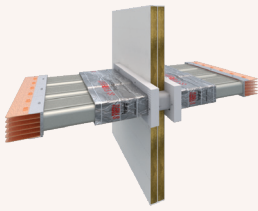


Up to -/240/240

CCRC range of busducts –
Horizontal substrates (Close
to edge against wall)

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYBatt

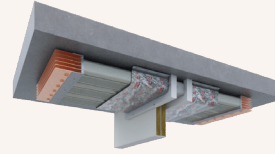


Up to -/240/240

CCRC range of busducts –
Vertical substrates

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYBatt

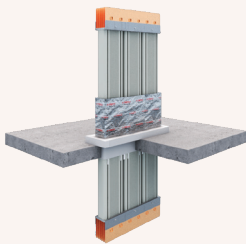


Up to -/240/240

CCRC range of busducts –
Vertical substrates (Close to
edge against slab)

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYBatt



Up to -/240/240

CCRC range of busducts –
Horizontal substrates

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYMortar



Up to -/240/240

CCRC range of busducts –
Horizontal substrates (Close
to edge against wall)

Products

FIREFLYMastic / BG
FIREFLY Penowrap
FIREFLYMortar

To obtain a copy of FAS190236 RIR 1.24 or 252024 RIR 1.2 , reach out to your FIREFLY Account Manager or contact our Customer Service team at sales@tbafirefly.com.au.

Note: To better differentiate FIREFLYMastic and FIREFLYMasticHP we are changing the name of FIREFLYMasticHP to FIREFLY HP - same great product, with a new name. This name change will be reflected in our reports as they come up for review and/or when new updates are completed.