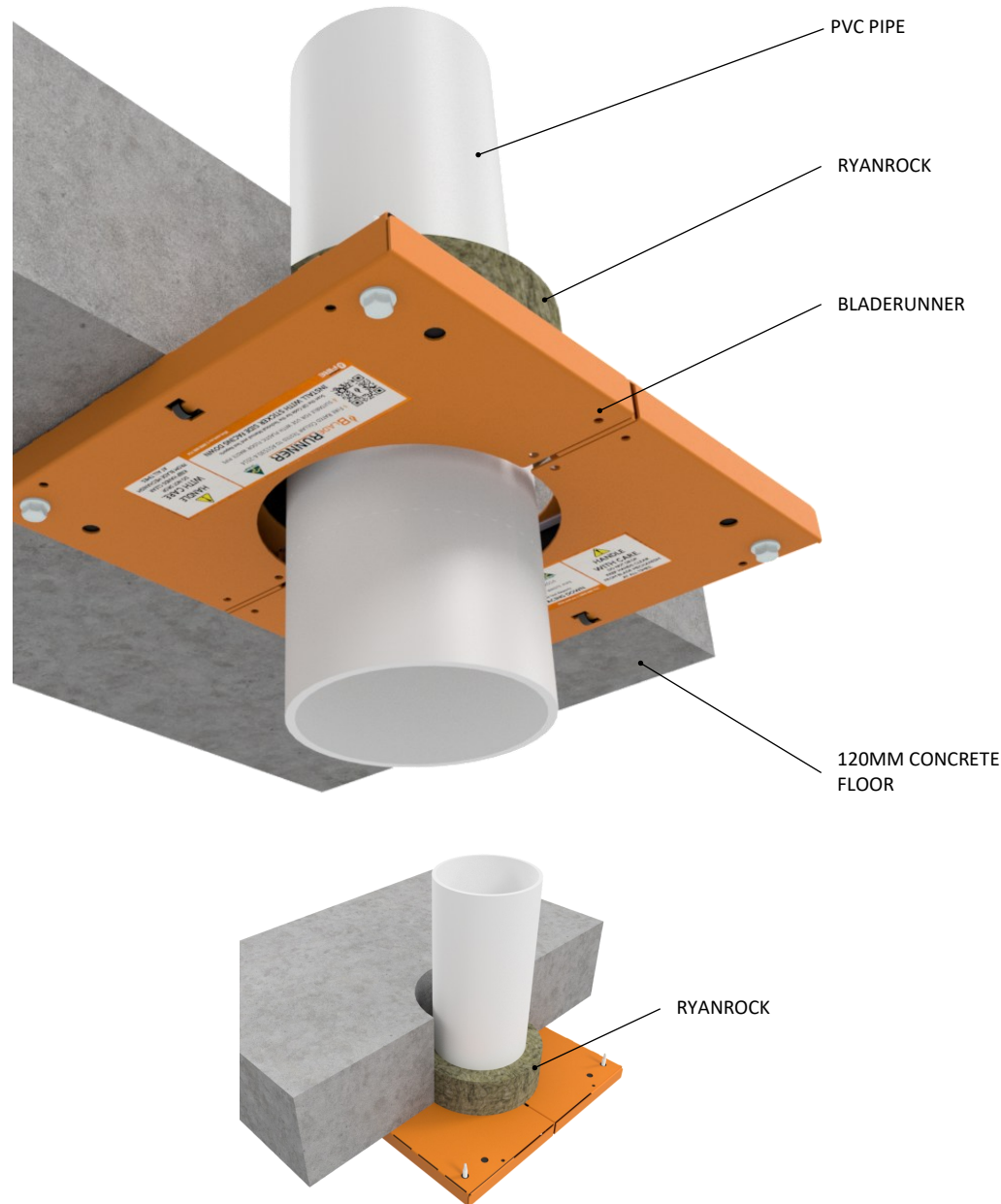


INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN AND FREE OF DUST AND DEBRIS.
2. INSERT A 50MM THICK LAYER OF RYANROCK INTO THE ANNULAR GAP BETWEEN THE PVC PIPE AND THE FLOOR
3. PLACE ONE HALF OF THE BLADERUNNER (WITH THE STICKER VISIBLE) AROUND THE PIPE AND UP AGAINST THE BOTTOM OF THE FLOOR.
4. SECURE THE BLADERUNNER IN PLACE WITH TWO M6 X 50MM CONCRETE ANCHORS, USING THE PRE-FORMED FIXING HOLES. DO NOT OVERTIGHTEN THE BOLTS.
5. INSTALL THE SECOND HALF OF THE BLADERUNNER IN THE SAME WAY AS THE FIRST HALF.
6. THE BLADERUNNER MAY BE INSTALLED OFF CENTRE IF REQUIRED.

NOTE: THE CABLE TIES FORM PART OF THE PRODUCT MECHANISM.

DO NOT CUT THE CABLE TIES



Products:	TRAFALGAR BLADERUNNER RYANROCK
Approvals:	AS 1530.4:2014/AS 4072.1:2005
BK:	255FR00056
Ref:	BK354
ID:	A, B, D - G
Scenario:	Penetration seal to PVC pipes in oversized core holes
Services:	Ø40mm - Ø100mm PVC pipes
Annular:	5 - 35mm
Construction:	120mm concrete floor

Fire Resistance:

Core hole Ø	Pipe size	FRR
Ø100mm	Ø40mm	-/120/90
Ø100mm	Ø50mm	-/120/120
Ø100mm	Ø65mm	-/120/120
Ø150mm	Ø80mm	-/120/120
Ø150mm	Ø100mm	-/120/120

Web based drawings are for example only. Fire performance of any system is dependant on, but not limited to size of opening, substrate, if penetrations are passing through, type, size and number. Please refer to Ryanfire technical department for detailed and specific fire performance information.

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Drawing Title

**BladeRUNNER & Ryanrock to PVC pipe
120mm concrete floor**

Date	February 2026	Scale	NTS
Drawing Number	TF12.03	Rev	1.0

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