

**Products:** TRAFALGAR BLADERUNNER  
RYANROCK

**Approvals:** AS 1530.4:2014/AS 4072.1:2005

**BK:** 255FR00056

**Ref:** BK354

**ID:** C, H

**Scenario:** Penetration seal to PVC pipes + socket in oversized core holes

**Services:** Ø40mm - Ø100mm PVC pipes

**Annular:** 17 - 29mm

**Construction:** 120mm concrete floor

**Fire Resistance:**

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

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 & socket  
120mm concrete floor**

Date	<b>February 2026</b>	Scale	<b>NTS</b>
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Drawing Number	<b>TF15.03</b>	Rev	<b>1.0</b>
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**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 PENETRATION 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**

