

DUCT 1

LVC40 CIRCULAR AIR TRANSFER GRILLE INSTALLATION IN PLASTIC PIPE

DESCRIPTION

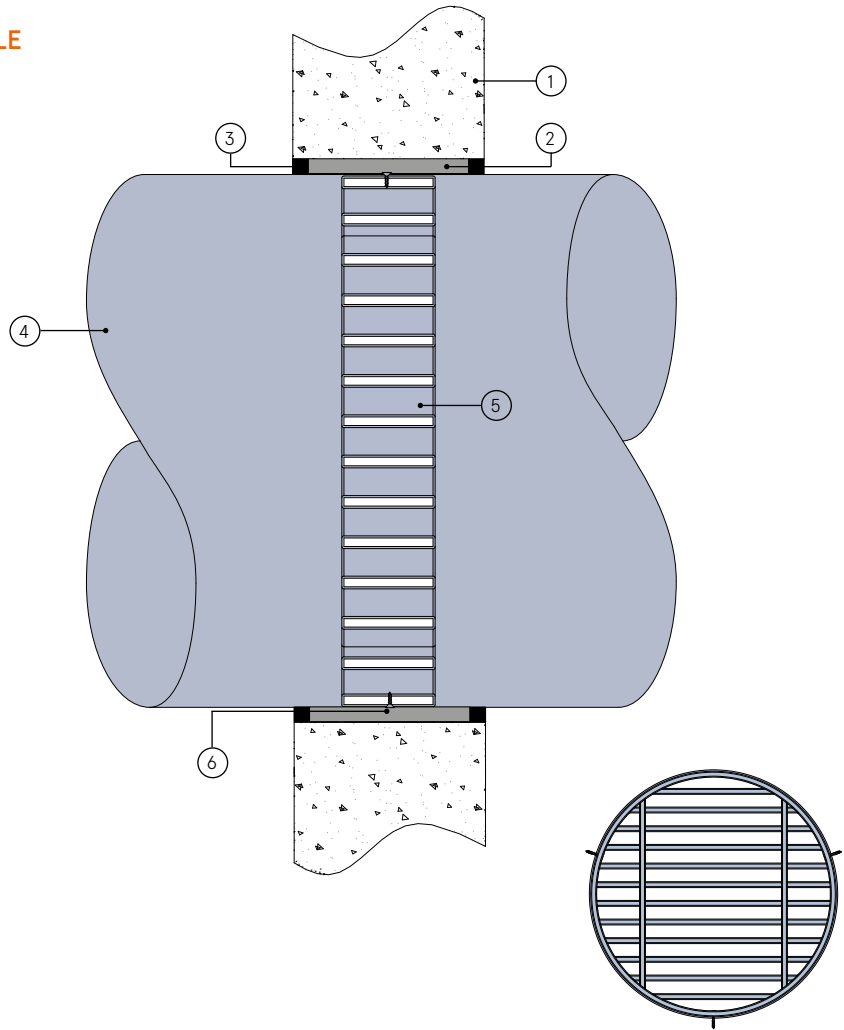
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|---|--------------------------------|
| 1 | Rigid wall construction |
| 2 | Mineral wool or mortar packing |
| 3 | Intumescent sealant |
| 4 | Plastic pipe |
| 5 | LVC40 air transfer grille |
| 6 | Self tapping screws. |

CONTENTS

- LVC40 air transfer grille

TOOLS REQUIRED

- Lorient intumescent sealant
- Self tapping screws (3.2mm x 16mm or longer as required)
- Mineral wool or mortar



▶▶ Note: LVC40 air transfer grilles are supplied 2mm less than the nominal size e.g. a 150mm is actually 148mm.

LVC40 circular air transfer grille installation in plastic pipes

FR60

Fire Resistance in accordance with

BS 476-20:1987

Approval Ref

WF185829/A

Max single cell size

150mm diameter

LVC40 air transfer grilles are supplied 2mm less than the nominal size e.g. a 150mm is actually 148mm.

INSTALLATION INSTRUCTIONS

- ▶ Cut aperture in wall a least 30mm larger than the outside diameter of the pipe.
- ▶ Pass pipe through aperture into correct linear location and mark positions of both wall faces on pipe.
- ▶ Remove pipe from aperture and position LVC40 in pipe midway between the two wall marks.
- ▶ Drill through pipe wall into LVC40 outer frame and fit at least 3 number self tapping screws to retain air transfer grille.
- ▶ Seal joints between edges of LVC40 and pipe wall with intumescent sealant.
- ▶ Position pipe and LVC40 assembly into aperture and accurately align with other pipe sections, whilst packing aperture with mineral wool or mortar.
- ▶ Seal over packing material with intumescent sealant.