

Installation Detail

If your proposed installation details differ from that shown here, please discuss this with the authority having jurisdiction, referencing this documentation.

Deviation from this drawing requires approval of the relevant authority.

Connecting ductwork omitted for clarity. Ductwork must be independently supported. There must be an appropriate break-away joint between the damper and the connecting ductwork on both sides of the installation.

A minimum of 200mm between fire dampers installed in separate ducts and 75mm between fire damper and construction elements/edges needs to be observed unless otherwise specified in the drawing.



SCAN ME

Please refer to the DoP for latest classifications for CE/UKCA compliance and the Installation, Operation and Maintenance Guide

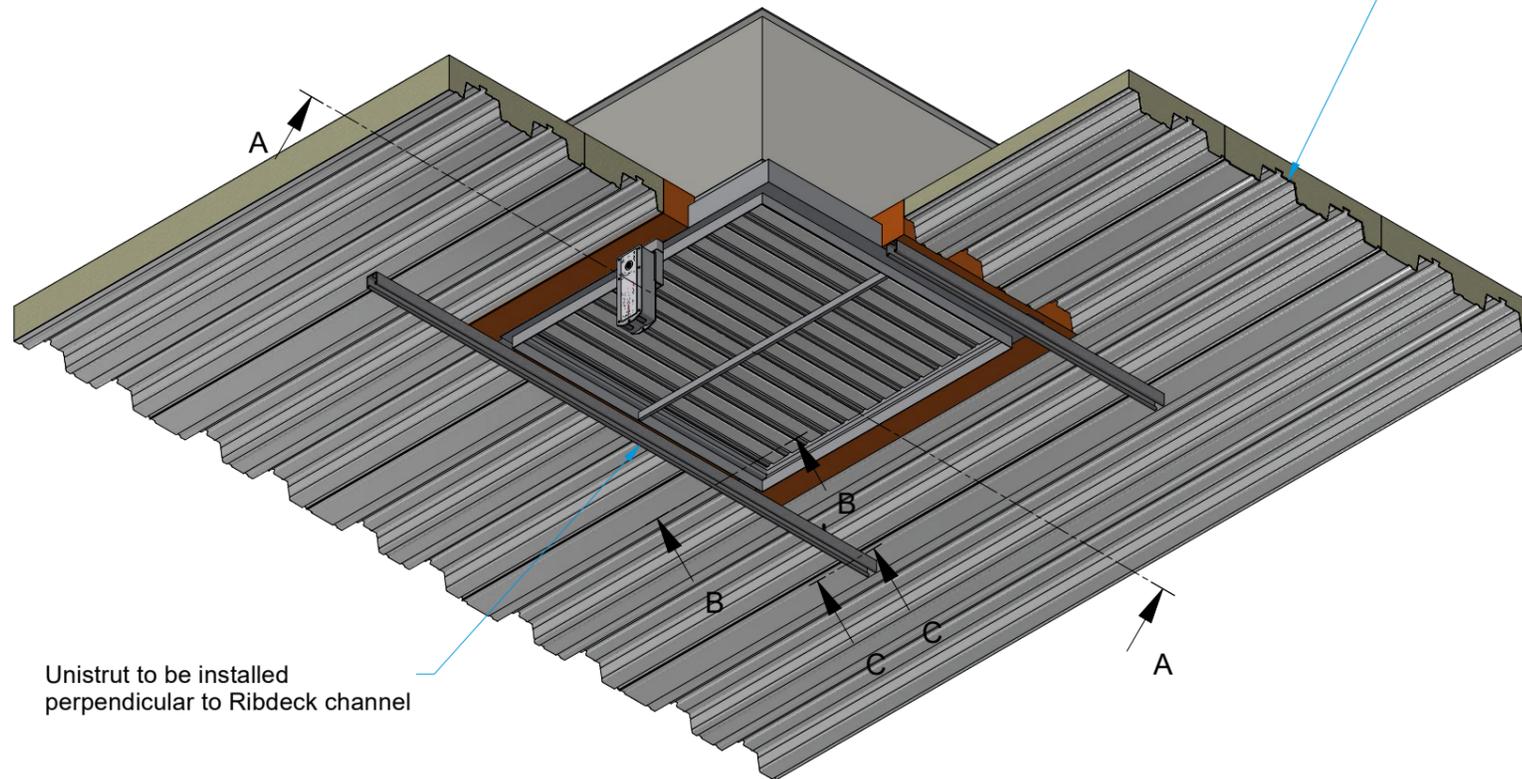
Damper installation conforms to Direct Field of Application as per classification report, deviation from this requires consultation with appropriate body.

A	ECN3003	JEM	12/01/26
Rev:	Comments:	By:	Date:
Drawn By:	J. Matthews	Date:	05/01/2025
Checked By:	S. Gore	Date:	12/01/2026
Approved By:	A. Hil	Date:	12/01/2026

Description:
**HORIZONTAL APPLICATION
SMOKE SHIELD SPAN METHOD
IN RIBDECK, ACCESS SIDE
BELOW**
Damper Size Range (mm)
200 x 200 to 1000 x 1000

Reference No:	Sheet	Rev
AAF13721	1 of 1	1

ComFlor60/ Rib Deck Composite Decking System.
(120mm thick min.)

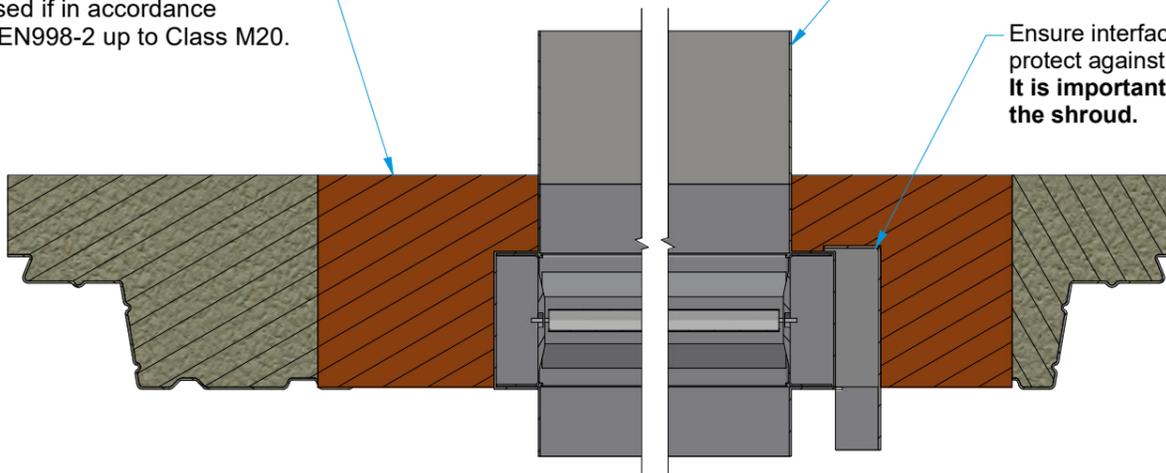


Unistrut to be installed perpendicular to Ribdeck channel

As viewed from actuator side **with actuator and maintenance access below slab.**

Mortar sand and cement mix 4:1 to 120mm thickness. Fire refractory mortars may be used if in accordance with EN998-2 up to Class M20.

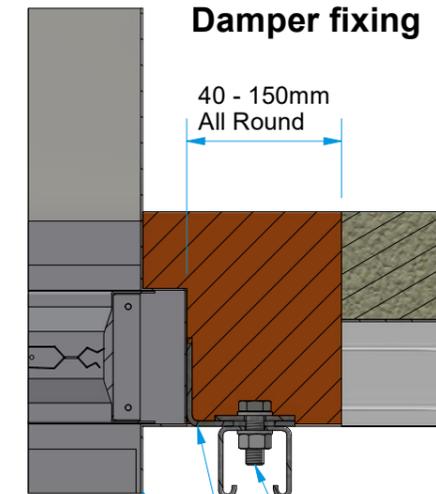
Section A-A



Attach a short section of stub duct that exceeds the slab depth to ensure the penetration seal can be applied through the full thickness

Ensure interface shroud is taped up to protect against penetration of mortar. **It is important that no mortar enters the shroud.**

Section B-B Damper fixing



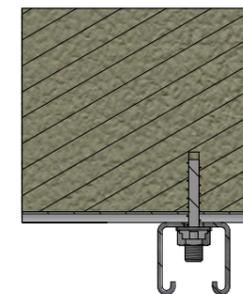
40 - 150mm All Round

Damper bolted to unistrut via four cleates (min M10).

Cleat

Damper casing

Section C-C Unistrut fixing



Typically unistrut fixed to slab to support damper whilst mortar is setting support can be removed after mortar has set. **However duct must be supported to ensure no load is exerted onto the damper.**

