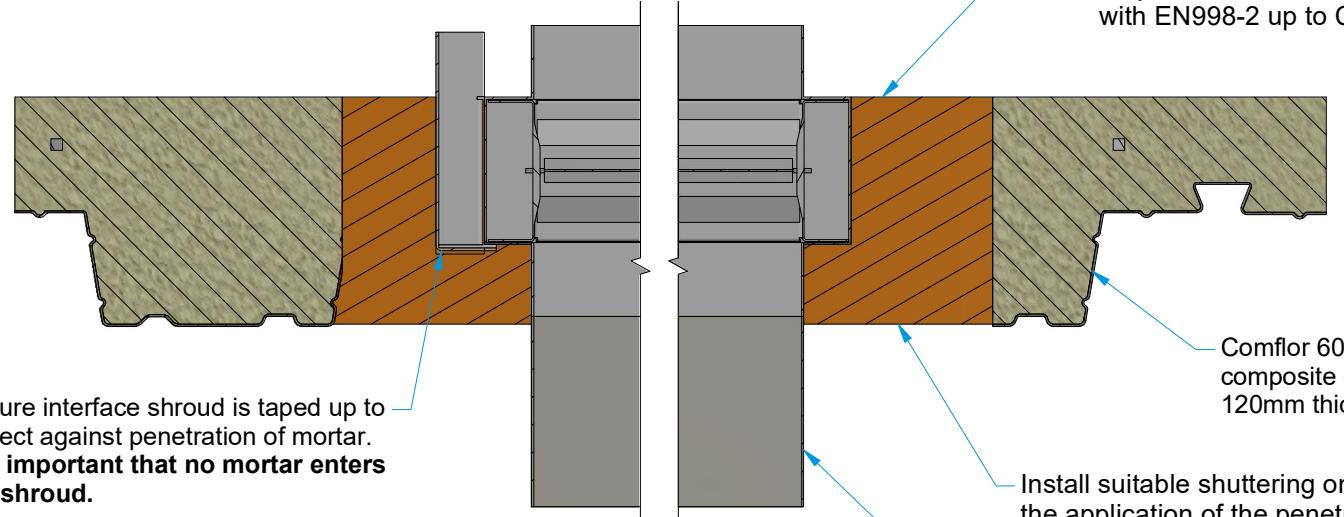
**Section C-C**

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

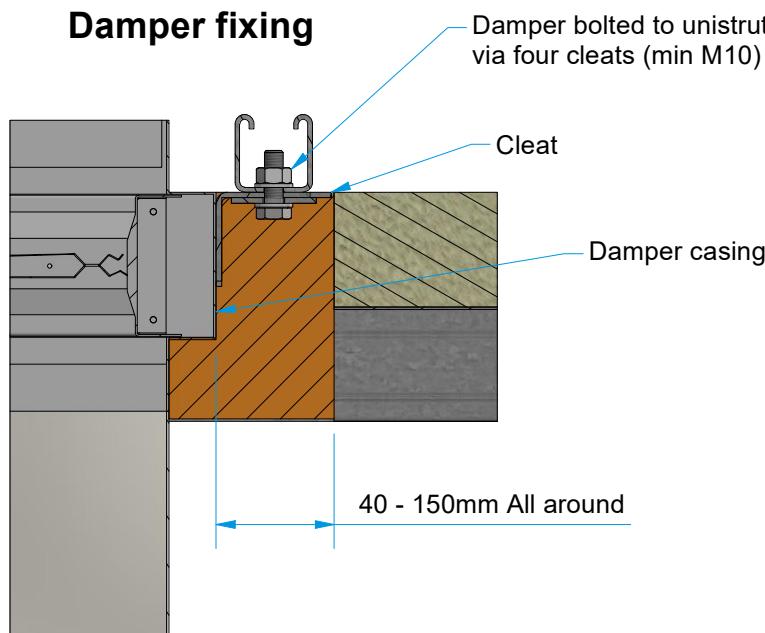
Mortar sand and cement mix
4:1 to 120mm thickness.
Fire refractory mortars
may be used if in accordance
with EN998-2 up to Class M20.

Comflor 60 profile/ Ribdeck
composite decking system
120mm thickness min.

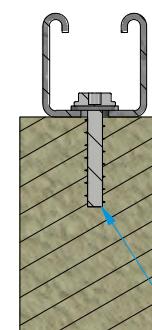
Install suitable shuttering on the underside of the slab to support
the application of the penetration seal material. Once the seal
has fully cured, the shuttering should be removed.

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

Section A-A
Damper fixing



Section B-B
Unistrut fixing



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

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.

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

Description:

HORIZONTAL APPLICATION

**SMOKE SHIELD SPAN METHOD
IN RIBDECK, ACCESS SIDE
ABOVE**

Damper Size Range (mm)
200 x 200 to 1000 x 1000



Reference No:	Sheet	Rev
AAF13720	1 of 1	1