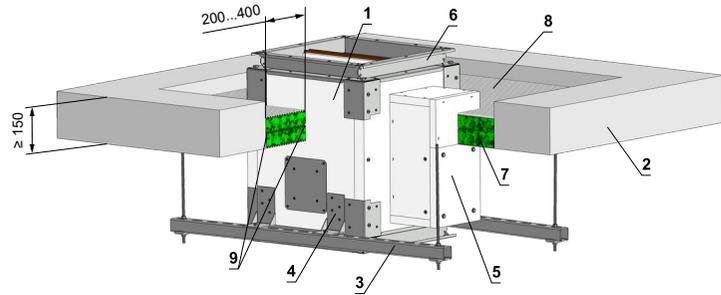


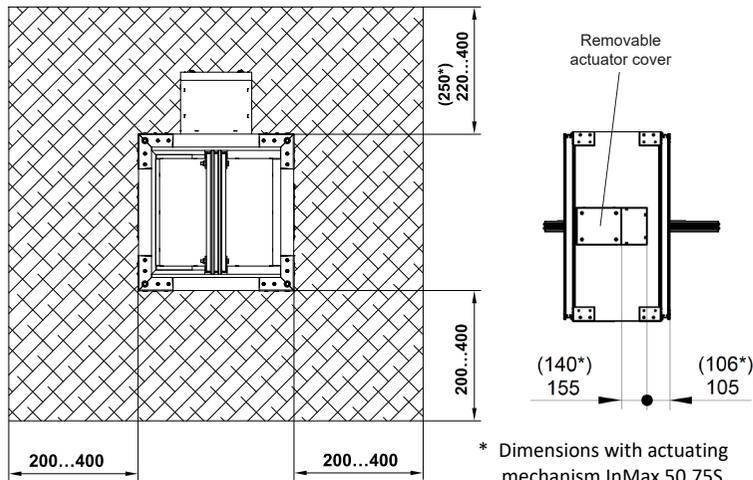
SEDM EI 120 S (Slab - Firebatt) - UKCA



- For connection of following duct
- Examples of anchors to the fire dividing construction
- Number of L-holders and their placement, acc. to AxB dimension

- SEDM
- Solid ceiling construction
- Profile with threaded rod
- L-holder
- Actuator cover - must be removable after installation of the damper
- Flange
- Ablative Coated Batt System HILTI
- Mineral wool board - min. density 140 kg/m³ (HILTI CFS-CT B 1S 140/50...)
- Fire stop coating - th. 1 mm (HILTI CFS-CT...) - coating is overcoated on the support construction and on the damper casing/duct.
- Fire-resistant mastic - (HILTI CFS-S ACR...) fill the gap from both sides of the fire separation construction and around the perimeter of penetration and damper casing.

Firebatt installed as manufacturers installation details.

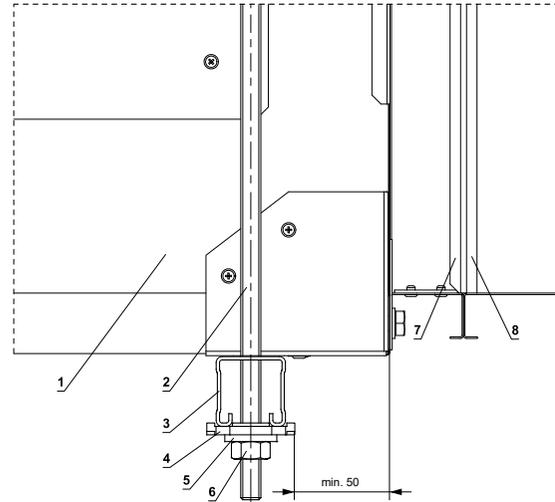


For damper blade offset dimensions see full TPM.

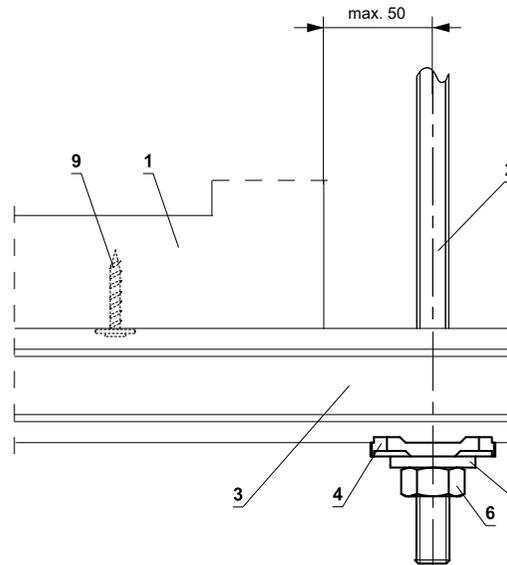
It is crucial that damper actuator access cover can be removed once fire stop is completed.

Damper Dimensions	Recommended No. of Brackets
A<500	4
B<500	4
A<500	6
B>500	6
A>500	10
B>500	10
A>1000	12
B>500	12

Drop rod and hanger location, please ensure that actuator operation is not compromised and ensure sufficient space to allow access hatch removal.



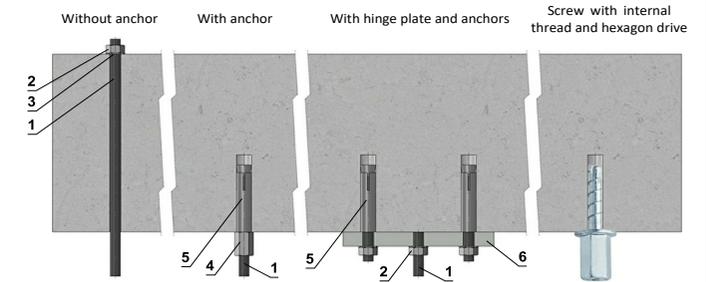
Drop rod and hanger position is not critical and can be positioned to suit the particular installation, applying symmetry where possible.



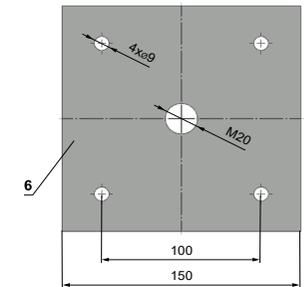
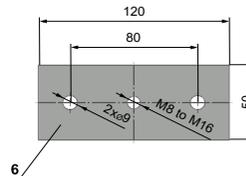
- SEDM
- Threaded rod M8 - M20
- Support HILTI MQ-41 (or MQ-41/3 or equivalent)
- Bored plate HILTI MQZ-L or equivalent
- Washer for M8 - M20
- Nut M8 - M20
- Flange of SEDM
- Flange of duct
- Self-tapping screw 5x30 mm and 1 pcs large washer M5 (for additional fixing, prevents the damper from sliding off the support - not necessary use)

Advice provided by a fixing specialist contractor takes precedence.

Examples of anchoring to the ceiling construction
Follow the instructions of fixing specialist or installation company



Hinge plates



- If in doubt, always consult an anchor specialist engineer such as Halfen or Hilti.

Load capacities of threaded rods at the required fire resistance 60 min. $t \le 120 \text{ min.}$

Size	As [mm ²]	Weight [kg]	
		for 1 rod	for 2 rods
M8	36,6	22	44
M10	58	35	70
M12	84,3	52	104
M16	157	96	192
M18	192	117	234
M20	245	150	300

Drop rod diameter is based on damper weight, see full Damper TPM for further technical details or contact help@Mandik.co.uk. Mandik reserves the right to update this information without prior notice.

		Mandik UK Ltd www.mandik.co.uk Office: 0117 4526376	2440 The Quadrant Aztec West Bristol BS32 4AQ
		Title: SEDM - Slab - Firebatt Classification: EI 120 (how i<->) S1500CmodHOT 400/30AAmulti	
Drawing No: 0000-0000-530 Rev 3		UKCA certified acc. to EN 12101-8 Tested in accordance with EN 1366-2 & 1366-10 Size: (min-max) 180x180 - 1600x1000 Date: 06/01/2025	
		Illustrated: AA	Approved: MF
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