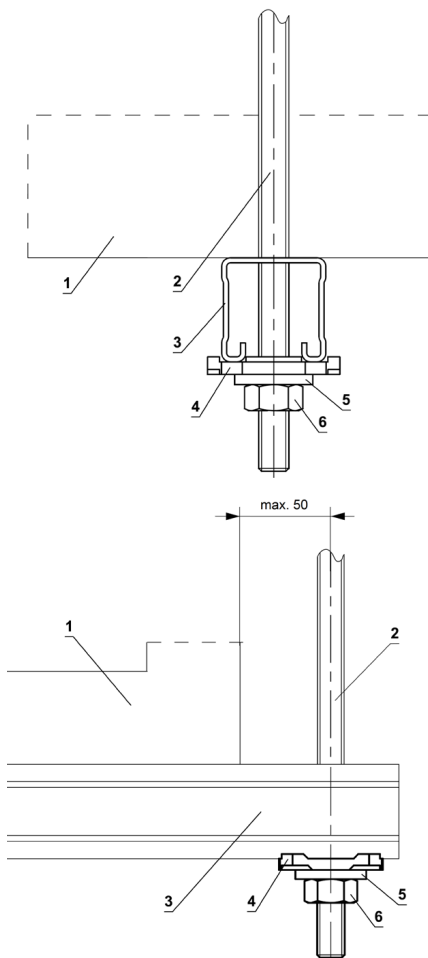
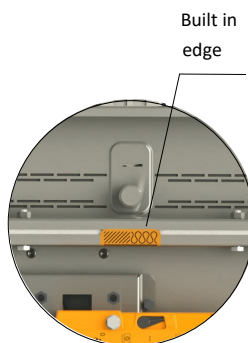




Drop rod and hanger location, please ensure that actuator operation is not compromised and ensure sufficient space to allow access hatch removal.

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



Position:

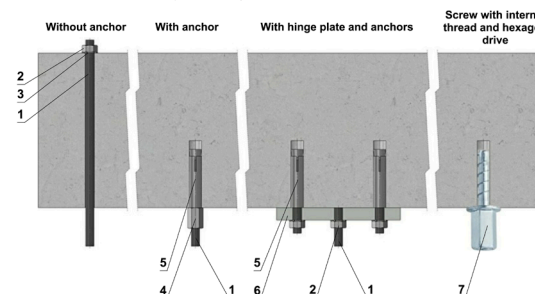
- 1 FDMQ 120
- 2 Threaded rod M8 - M20
- 3 Support HILTI (MQ-41 = <100kg) or (MQ-41/3 = >100kg)
- 4 Bored plate HILTI MQZ-L
- 5 Washer for M8 - M20
- 6 Nut M8 - M20

Wall build construction must be symmetrical and in accordance with BS EN 1363-1 and tested in accordance with BS EN 1364-1.

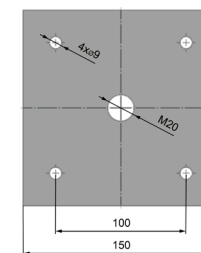
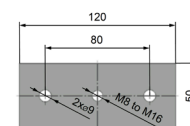
Blade overlaps must be accounted for to ensure blade operation is not compromised. For full blade overlap dimensions please see product TPM.

Damper must be installed to the built in edge shown by orange label on the damper

Advice provided by a fixing specialist contractor takes precedence.



Hinge plates



Screw with internal:



Irive

Load capacities of threaded hanger rods F [N] at the required fire resistance 90 minutes

Size	A _s [mm ²]	Weight G [kg]	
		for 1 piece	for 1 pair
M8	36,6	22	44
M10	58	35	70
M12	84,3	52	104
M14	115	70	140
M16	157	96	192
M18	192	117	234
M20	245	150	300

Position:

- 1 Threaded rod M8 - M20
- 2 Nut
- 3 Washer
- 4 Coupling nut
- 5 Anchor
- 6 Hinge plate - min. thickness 10mm
- 7 Concrete screw tested for fire resistance R30-R90, max. tension up to 0.75KN (length 35mm)

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

MANDIK®		Mandik UK Ltd 2440 The Quadrant www.mandik.co.uk Aztec West Office: 0117 4526376 Bristol BS32 4AQ	
		UKCA certified acc. to EN 15650	
Title: FDMQ 120 - Remote from Gypsum wall - Ablative Coated Batt		Tested in accordance with EN 1366-2	
Classification: EI 120 (V_e) S [H]		Size: (min-max)	150x150 - 1500x800
Drawing No: 0000-0000-252 Rev 1		Date:	25/08/2026
		Illustrated:	AA
		Approved:	MF
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