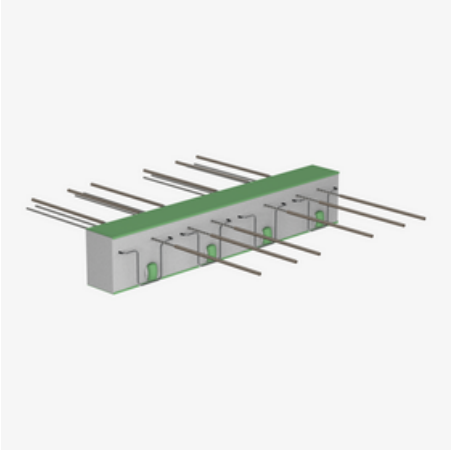


IP120 M

Thermally insulated cantilever slab connection for cantilevered reinforced concrete components with 120 mm insulating body

IP120 M is a thermally insulated cantilever slab connection with a 120 mm insulating body for cantilevered reinforced concrete components. It is suitable for transmitting moments and shear forces. The stainless steel rebar is resistant to corrosion. The compression plane consists of compression and thrust bearings. It complies with fire protection requirements: IP120 M is available for fire protection structures up to REI 120. Please specify the load-bearing capacity, shear force bearing capacity, concrete cover, element height and fire protection version when ordering.

Pressure surface: with thrust bearings (up to M120); made of steel (from M130)

Type testing ISOPRO® 120 thermal insulation element
Test reports no. 4117/6-3 and no. 25/045 confirm the suitability of ISOPRO® thermal insulation elements in accordance with the applicable building regulations.

ETA European Technical Assessment: ETA-17/0466

abG General Building Approval: Z-15.7-354 (combined with ETA-17/0466)

Thermal insulation element version: Meter elements with thrust or shear bearings

Article	Element lenght	Height	Minimum concrete cover cv 50	Design	Generation
233100020922 IP120 M10 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2
233100020938 IP120 M20 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2
233100020954 IP120 M30 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2
233100020962 IP120 M40 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2
233100020970 IP120 M50 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2
233100020978 IP120 M60 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2
233100020986 IP120 M70 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2
233100020994 IP120 M80 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2
233100021002 IP120 M90 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2

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Article	Element lenght	Height	Minimum concrete cover cv 50	Design	Generation
233100021010 IP120 M100 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2
233100021018 IP120 M110 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2
233100021034 IP120 M120 Q4	1000 mm	160 - 250 mm	180 mm	shear-reinforced	1.2

Thermal insulation element version: Half-metre sections with a steel pressure surface

Article	Element lenght	Height	Minimum concrete cover cv 50	Design
230200027516 IP120 M130 Q10	500 mm	180 - 250 mm	200 mm	shear-reinforced
230200027517 IP120 M140 Q10	500 mm	180 - 250 mm	200 mm	shear-reinforced
230200027518 IP120 M150 Q10	500 mm	180 - 250 mm	200 mm	shear-reinforced

Height: height (range)
Design: Thermal insulation element design

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