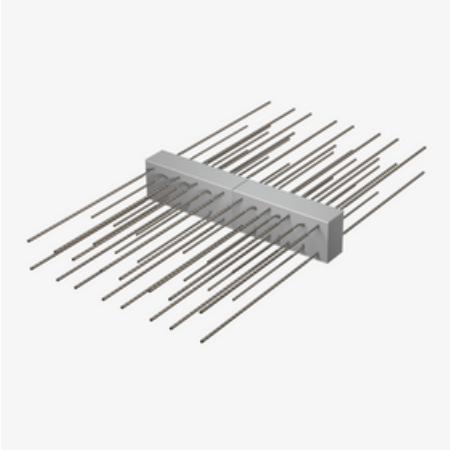

IP120 D

Thermally insulated slab connection for continuous reinforced concrete slabs with 120 mm insulating body

IP120 D is a thermally insulated slab connection with a 120 mm insulating body for continuous reinforced concrete slabs. It is suitable for transmitting moments and shear forces. The stainless steel rebar is resistant to corrosion. The tension and compression plane consists of steel compression bars. It complies with fire protection requirements: IP120 D 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.

Type testing for ISOPRO® thermal insulation element IP 120 D

Test report no. 25/043 confirms the suitability of the ISOPRO® thermal insulation elements IP 120 D 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)

TYP Type approval: 25/043

Type: D20

Article	Element lenght	Height
234500021126	500 + 500 mm	160 - 250 mm
234500021127 IP120 D20 Q8	500 + 500 mm	160 - 250 mm
234500021128	500 + 500 mm	170 - 250 mm
234500027775	500 + 500 mm	180 - 250 mm
234500027776	500 + 500 mm	200 - 250 mm

Type: D30

Article	Element lenght	Height
234500021129	500 + 500 mm	160 - 250 mm
234500021130 IP120 D30 Q8	500 + 500 mm	160 - 250 mm
234500021131	500 + 500 mm	170 - 250 mm
234500027777	500 + 500 mm	180 - 250 mm
234500027778	500 + 500 mm	200 - 250 mm

PohlCon

PohlCon GmbH
Nobelstraße 51 | 12057 Berlin
Phone: +49 30 68283-04 | Fax: +49 30 68283-383 | contact@pohlcon.com

Issue date: 27.11.2026. Errors and technical changes reserved

Type: D50

Article	Element lenght	Height
234500021132	500 + 500 mm	160 - 250 mm
234500021133 IP120 D50 Q8	500 + 500 mm	160 - 250 mm
234500021134	500 + 500 mm	170 - 250 mm
234500027779	500 + 500 mm	180 - 250 mm
234500027780	500 + 500 mm	200 - 250 mm

Type: D70

Article	Element lenght	Height
234500021135	500 + 500 mm	160 - 250 mm
234500021136 IP120 D70 Q8	500 + 500 mm	160 - 250 mm
234500021137	500 + 500 mm	170 - 250 mm
234500027781	500 + 500 mm	180 - 250 mm
234500027782	500 + 500 mm	200 - 250 mm

Type: D90

Article	Element lenght	Height
234500021138	500 + 500 mm	160 - 250 mm
234500021139 IP120 D90 Q8	500 + 500 mm	160 - 250 mm
234500021140	500 + 500 mm	170 - 250 mm
234500027783	500 + 500 mm	180 - 250 mm
234500027784	500 + 500 mm	200 - 250 mm

Type: D100

Article	Element lenght	Height
234500021141	500 + 500 mm	160 - 250 mm

PohlCon

PohlCon GmbH
Nobelstraße 51 | 12057 Berlin
Phone: +49 30 68283-04 | Fax: +49 30 68283-383 | contact@pohlcon.com

Issue date: 27.11.2026. Errors and technical changes reserved

Article	Element lenght	Height
234500021142 IP120 D100 Q8	500 + 500 mm	160 - 250 mm
234500021143	500 + 500 mm	170 - 250 mm
234500027785	500 + 500 mm	180 - 250 mm

Height: height (range)

PohlCon GmbH
Nobelstraße 51 | 12057 Berlin
Phone: +49 30 68283-04 | Fax: +49 30 68283-383 | contact@pohlcon.com

Issue date: 27.11.2026. Errors and technical changes reserved