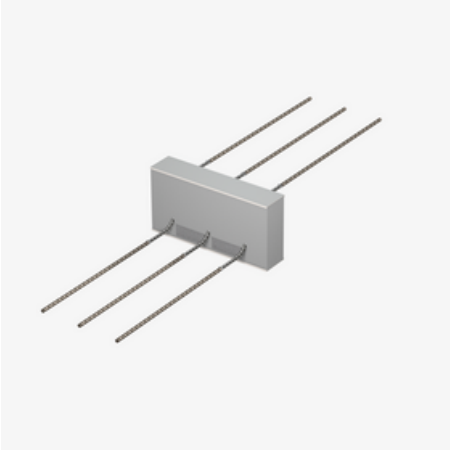

IPQS / IPTQS

Thermally insulated slab connection for transmitting shear forces and punctual force transmission in supported reinforced concrete components

ISOPRO® IPQS and IPTQS are thermally insulated slab connections with an 80 mm insulation core, designed to transfer shear forces in supported reinforced concrete structures and to provide localised force transfer. Corrosion protection is ensured by stainless ribbed steel reinforcement. Fire safety requirements are met: ISOPRO® IPQS and IPTQS are available for fire-resistant structures up to REI 120. When ordering, please specify the load-bearing class, element height and fire-resistance rating.

IPQS-type compression level with concrete compression bearings. IPTQS-type compression level made of steel.

Type testing ISOPRO® 120 thermal insulation element

Test report no. 4117-5076 confirms the suitability of ISOPRO® thermal insulation elements in accordance with the applicable building regulations.

AbZ General building approval: Z-15.7-354

ETA European Technical Assessment: ETA-17/0466

TYP Type approval: 4117-5076

Article	Element lenght	Height	G
210600012481 IPQS10	300 mm	160 - 250 mm	1.960 kg
210600012484 IPQS20	400 mm	160 - 250 mm	3.500 kg
210600012487 IPQS30	500 mm	160 - 250 mm	4.640 kg
210600012489 IPQS40	300 mm	170 - 250 mm	2.760 kg
210600012492 IPQS50	400 mm	170 - 250 mm	4.370 kg
210600012498 IPQS70	400 mm	180 - 250 mm	6.200 kg
210600015044 IPQS5	400 mm	160 - 250 mm	2.800 kg
210600015046 IPQS15	500 mm	160 - 250 mm	3.000 kg

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Issue date: 26.11.2026. Errors and technical changes reserved

Article	Element lenght	Height	G
210600015050 IPQS55	500 mm	170 - 250 mm	5.500 kg
210600015052 IPTQS60	300 mm	180 - 250 mm	4.300 kg
210600015054 IPTQS80	300 mm	190 - 250 mm	4.800 kg
210600015056 IPTQS90	400 mm	190 - 250 mm	7.200 kg
210600018551 IPQS75	500 mm	180 - 250 mm	7.200 kg
210600025047 IPTQS100	500 mm	190 - 250 mm	9.000 kg

Height: height (range)
G: Weight per storage unit

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