



Helios Series  
Medium duty profiles

# Helios RF

- heavy duty profile for industrial concrete floor slabs
- stable profile head
- high load bearing capacity
- suited for all kinds of floor conveyors
- serves as expansion joint, formwork, stop end, and reference point for final floor height

## Description / Details:

Heavy duty profile HELIOS RF, base material ST37. Stand-alone joint system with two stands per element. Height adjustment via threaded foot. Extension via integrated threaded joint. Variable element lengths. Accurate to size end pieces from 1000 mm - 4000 mm as well as angle, cross, and T-shaped parts available. Special variants of the HELIOS RF Series on subsequent pages.

## Production:

Our flexible production allows us to manufacture profiles according to your individual requirements. This way, we can perfectly adapt to the high requirements of modern concrete floor slabs and ensure the successful and durable construction of your expansion joints.



Profile / Item no.	Profile height	Surface	Load KN	Element lengths
Helios RF	55 mm - 300 mm	ST37 primed	min. 95 KN	3000 mm
Helios RFV	55 mm - 300 mm	ST37 hot-dip galvanized	min. 95 KN	3000 mm
Helios RF2A	55 mm - 300 mm	Stainless steel material 1.431	min. 95 KN	3000 mm

**Tender specification:**

Construction of isolation joint / expansion joint / formwork / stop end with heavy duty profile HELIOS RF or equivalent. Type ST37.

Stand-alone profile system. Set before concrete placement and level to finished surface height of concrete floor slab.

Load transfer doweling against horizontal and vertical offset of floor slab with load transfer dowels QK20, Ø 20 mm, length 500 mm, e = 500 mm, plastic-coated, for a floor slab thickness up to 200 mm. (Inspection report on expansion behavior by TU München required)

**Supplier:**

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All tender specifications, CAD profile drawings and required information can be downloaded on our website.

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