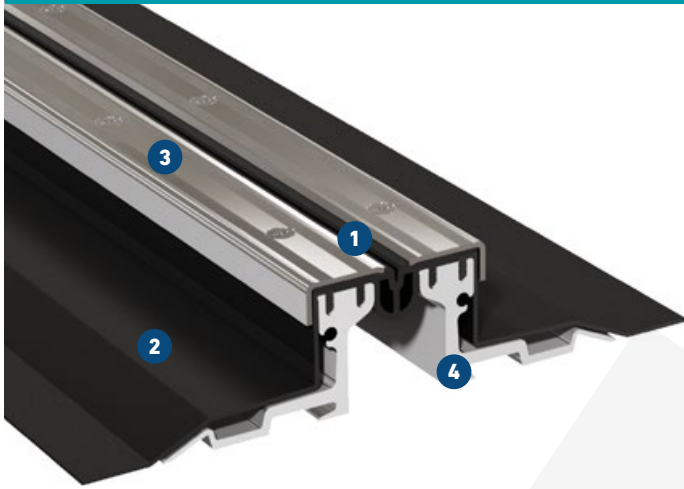


FP 80 NI ls

FOR BITUMINOUS SEALING LAYER (LONG AAS SHEETS)

MIGUTAN

WATERTIGHT EXPANSION JOINT SOLUTIONS



Official test certificates for watertightness available

Central insert with double-web to provide multilayered protection

- 1 Striated stainless steel cappings ensures good skid resistance**
100% watertight by max. pressure
- 2 Central insert on top surface**
Visual inspection and replacement without disrupting the surface
- 3 Long AAS sheets on both sides with striations**
Best possible connection with the sealing layer
- 4 Mounting brackets are made of high strength aluminium**
High loads without any risk of rust

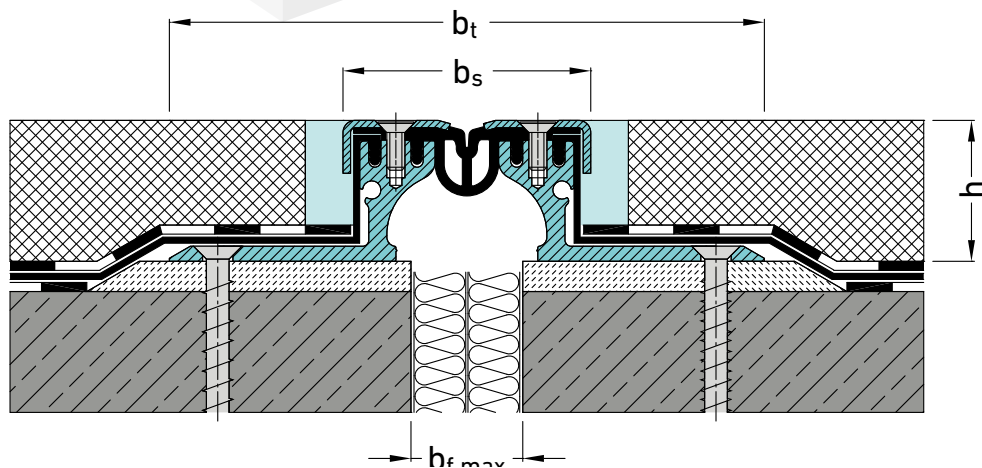


Fire tested Bfl-s1
(flame retardant)
acc. to DIN EN 13501-1

Expansion joint cover	Joint width max. <i>b_f max</i> [mm]	Total movement <i>Δb_f</i> [mm]	Visible width <i>b_s</i> [mm]	Joint width total <i>b_t</i> [mm]	Joint height <i>h</i> [mm]	Load bearing capacity [kN]	Load bearing capacity [kN]	Load bearing capacity [kN]	Load bearing capacity [kg/mm] solid plastic tyres
FP 80/25 NI ls	45	20 (±10)	82	209	25				
FP 80/35 NI ls	45	20 (±10)	82	209	35	35	600	130	6,5
FP 80/45 NI ls	45	20 (±10)	82	198	46	35	300	70	
FP 80/60 NI ls	45	20 (±10)	82	209	60	35	300	30	
FP 80/80 NI ls	45	20 (±10)	82	209	81	35	120	30	
FP 80/95 NI ls	45	20 (±10)	82	209	97	35	60		
FP 80/115 NI ls	45	20 (±10)	82	209	117	35	60		

Sealing against nonpressurized water.

Expansion joints with an installation height from 60 mm upwards can be adjusted to higher load capacity. Please ask for our advice.

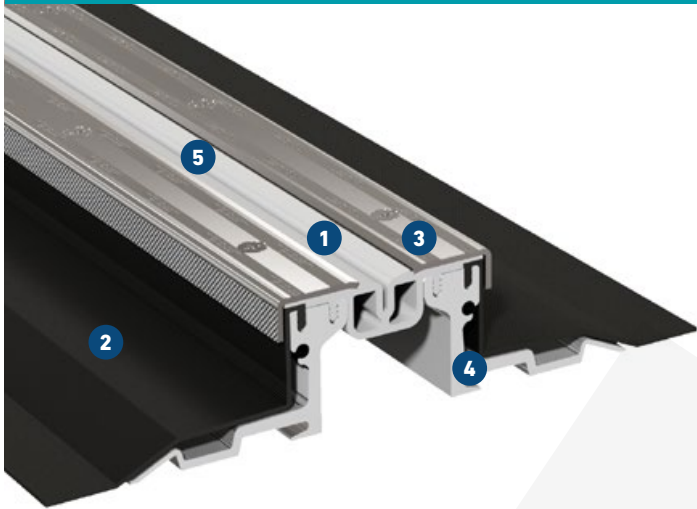


FP 90 NI Is

FOR BITUMINOUS SEALING LAYER (LONG AAS SHEETS)

MIGUTAN

WATERTIGHT EXPANSION JOINT SOLUTIONS



Official test certificates for watertightness available

Central insert with double-web to provide multilayered protection

- 1 Central insert on top surface**
Visual inspection and replacement without disrupting the surface
- 2 Striated stainless steel cappings ensures good skid resistance**
100% watertight by max. pressure
- 3 Long AAS sheets on both sides with striations**
Best possible connection with the sealing layer
- 4 Mounting brackets are made of high strength aluminium**
High loads without any risk of rust
- 5 New: With grey insert**
to perfectly match the adjacent covering

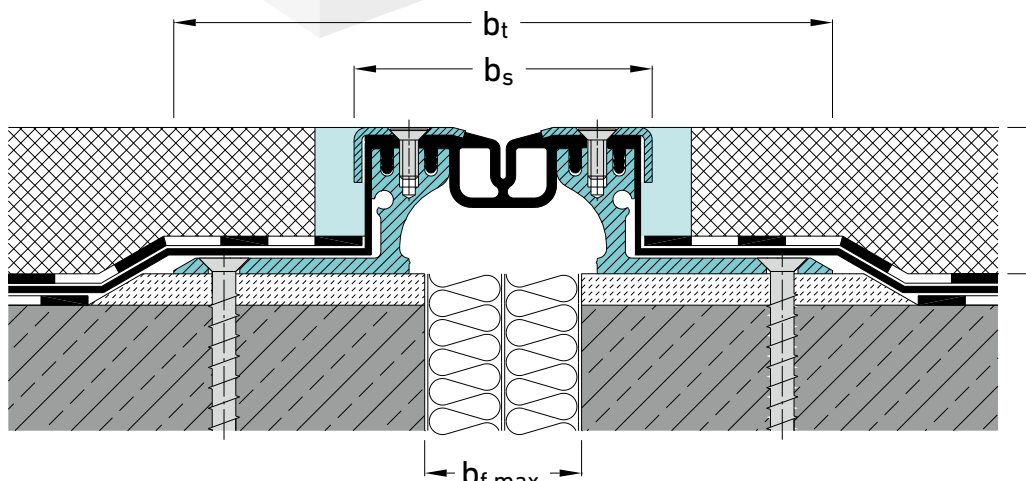


Fire tested Bfl-s1
(flame retardant)
acc. to DIN EN 13501-1

Expansion joint cover	Joint width max. $b_f \text{ max}$ [mm]	Total movement Δb_f [mm]	Visible width b_s [mm]	Joint width total b_t [mm]	Joint height h [mm]	Load bearing capacity [kN]	Load bearing capacity [kN]	Load bearing capacity [kN]	Load bearing capacity solid plastic tyres [kg/mm]
FP 90/25 NI Is	60	40 (±20)	95	222	25				
FP 90/35 NI Is	60	40 (±20)	95	222	35	35	600	130	
FP 90/45 NI Is	60	40 (±20)	95	211	46	35	300	70	
FP 90/60 NI Is	60	40 (±20)	95	222	60	35	300	30	
FP 90/80 NI Is	60	40 (±20)	95	222	81	35	120	30	
FP 90/95 NI Is	60	40 (±20)	95	222	97	35	60		
FP 90/115 NI Is	60	40 (±20)	95	222	117	35	60		

Sealing against nonpressurized water.

Expansion joints with an installation height from 60 mm upwards can be adjusted to higher load capacity. Please ask for our advice.

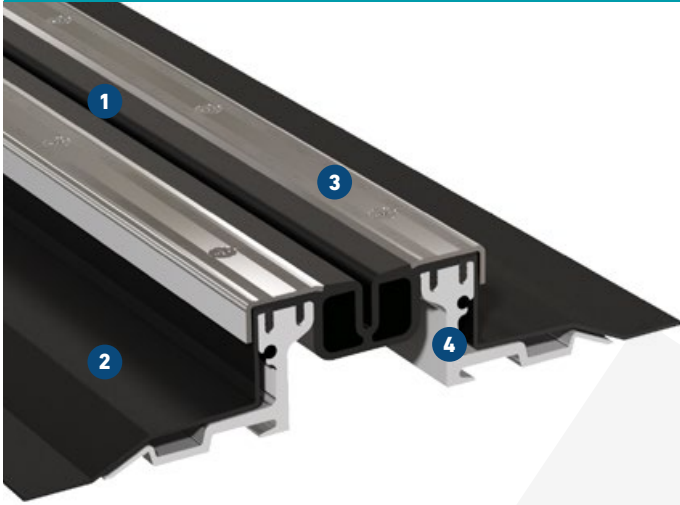


FP 110 NI ls

FOR BITUMINOUS SEALING LAYER (LONG AAS SHEETS)

MIGUTAN

WATERTIGHT EXPANSION JOINT SOLUTIONS



Central insert on top surface

Visual inspection and replacement without disrupting the surface

- 1 Striated stainless steel cappings ensures good skid resistance**
100% watertight by max. pressure
- 2 Long AAS sheets on both sides with striations**
Best possible connection with the sealing layer
- 3 Mounting brackets are made of high strength aluminium**
High loads without any risk of rust
- 4 Official test certificates for watertightness available**
Central insert with double-web to provide multilayered protection



Fire tested Bfl-s1
(flame retardant)
acc. to DIN EN 13501-1

Expansion joint cover	Joint width max. $b_f \text{ max}$ [mm]	Total movement Δb_f [mm]	Visible width b_s [mm]	Joint width total b_t [mm]	Joint height h [mm]	Load bearing capacity [kN]	Load bearing capacity [kN]	Load bearing capacity [kN]	Load bearing capacity solid plastic tyres [kg/mm]
FP 110/25 NI ls *	75	60 (±30)	111	238	25				
FP 110/35 NI ls	75	60 (±30)	111	238	35	35	600	130	
FP 110/45 NI ls	75	60 (±30)	111	227	46	35	300	70	
FP 110/60 NI ls	75	60 (±30)	111	238	60	35	300	30	
FP 110/80 NI ls	75	60 (±30)	111	238	81	35	120	30	
FP 110/95 NI ls	75	60 (±30)	111	238	97	35	60		
FP 110/115 NI ls	75	60 (±30)	111	238	117	35	60		

* Minimum joint width 50 mm

Sealing against nonpressurized water.

Expansion joints with an installation height from 60 mm upwards can be adjusted to higher load capacity. Please ask for our advice.

