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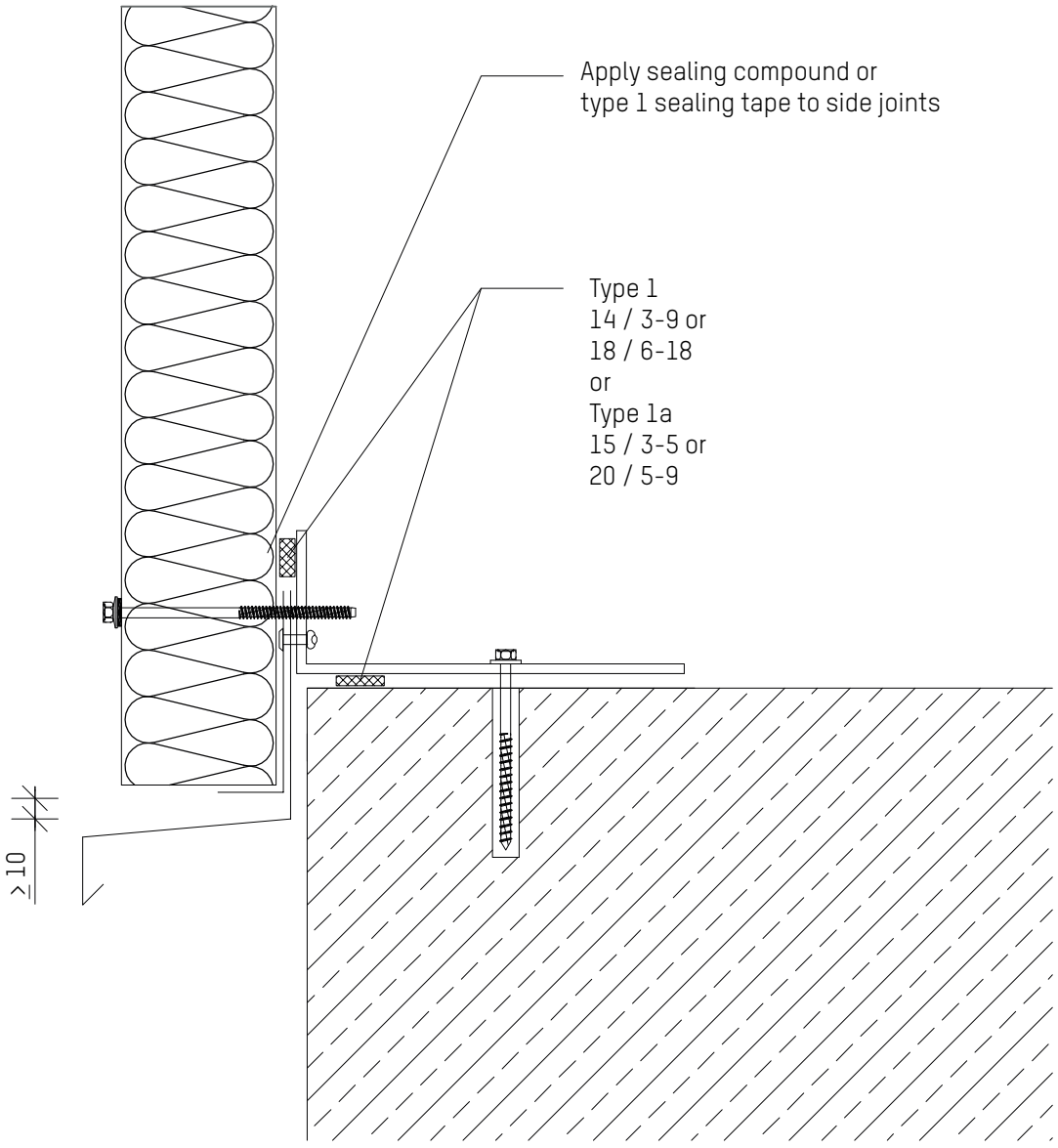
ROMA
INSULATION SYSTEMS



Industrial and building construction

Base

F 101.1

As of: 09/15

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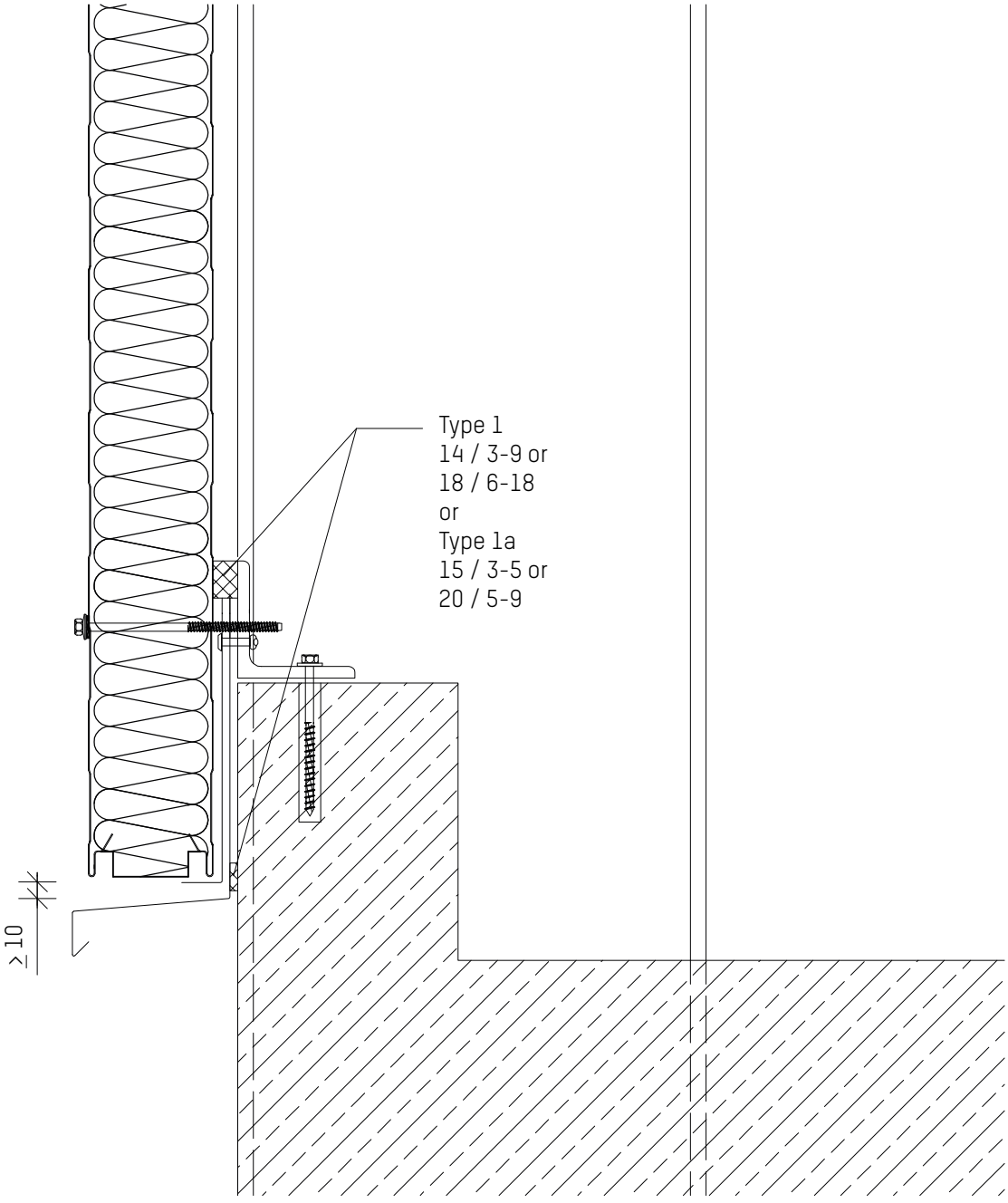

Industrial and building construction

Base

- laid horizontally -

F 102.1

As of: 09/15

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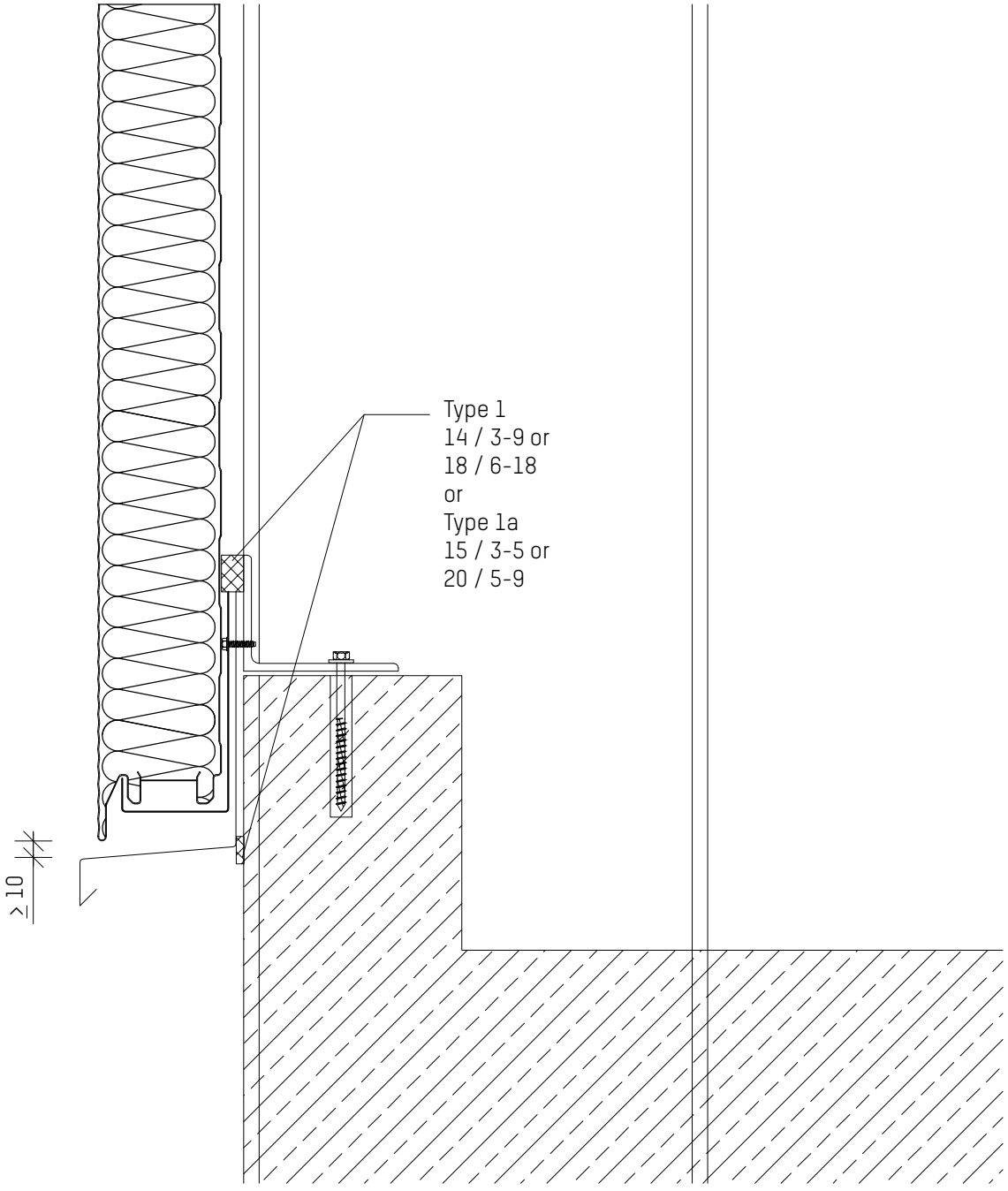

Industrial and building construction

Base

- laid horizontally -

F 103.2

As of: 09/15

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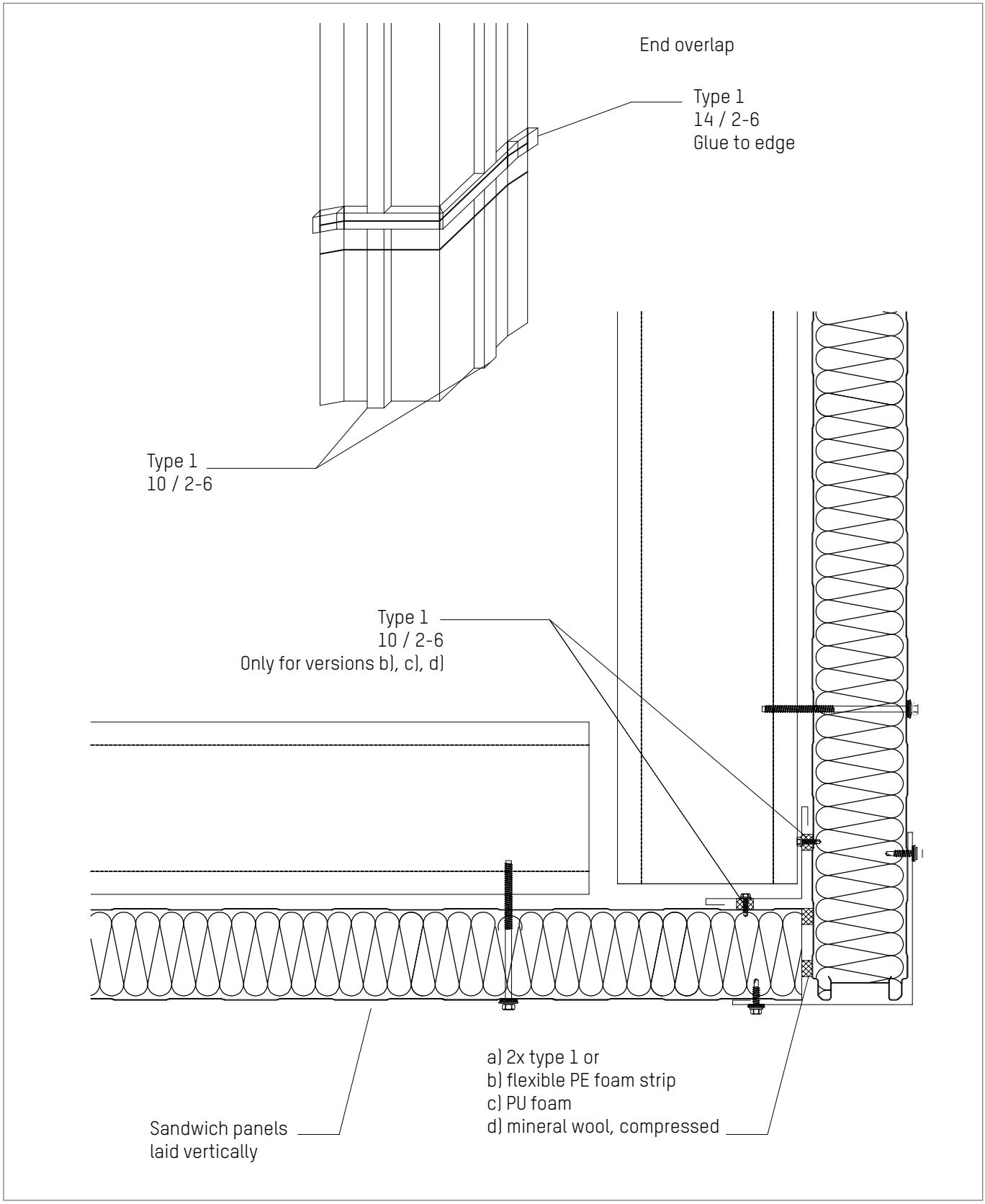

Industrial and building construction

Outside corner

F 104.1

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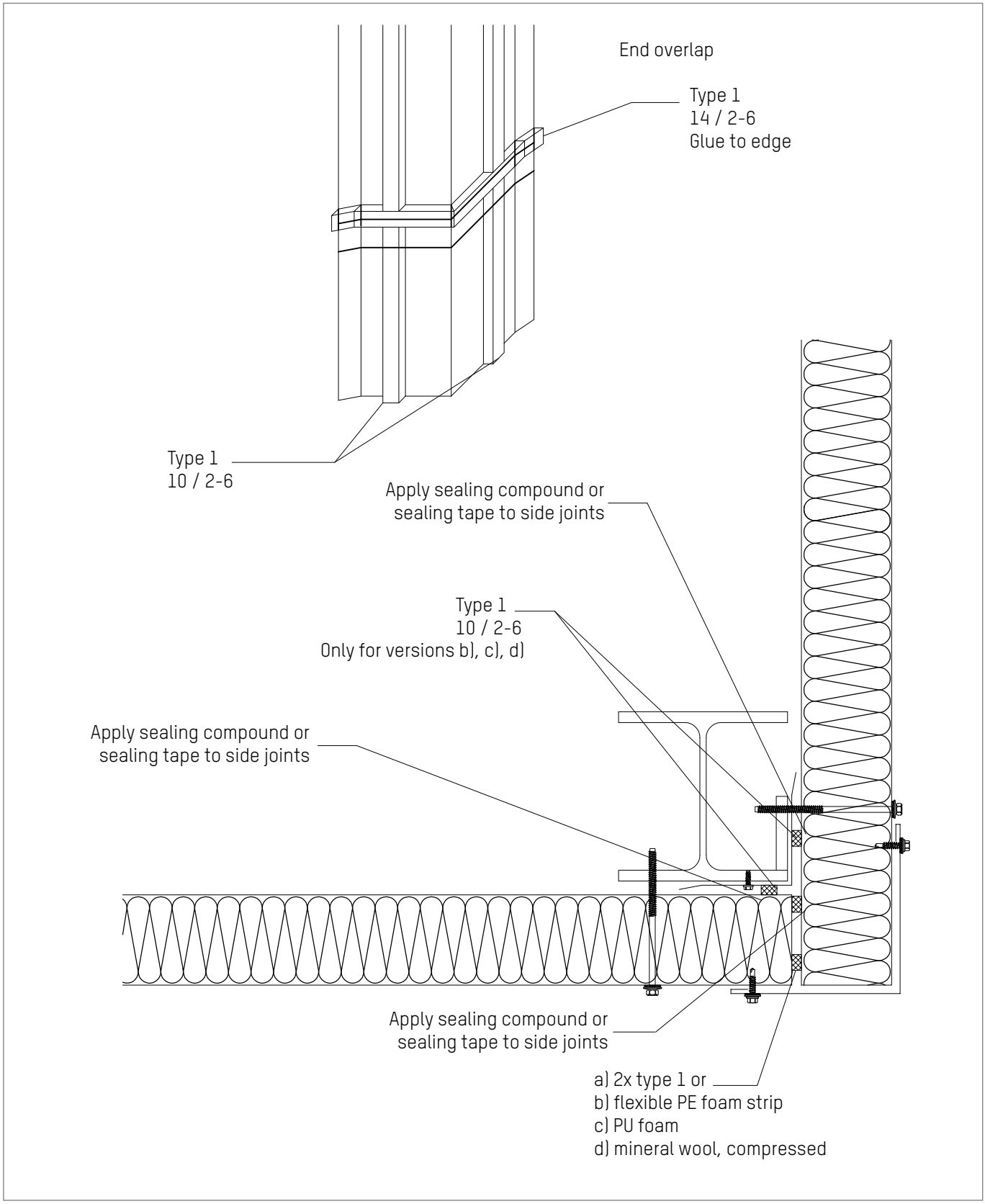
INSULATION SYSTEMS



Industrial and building construction

Outer corner

- laid horizontally -

F 105.1

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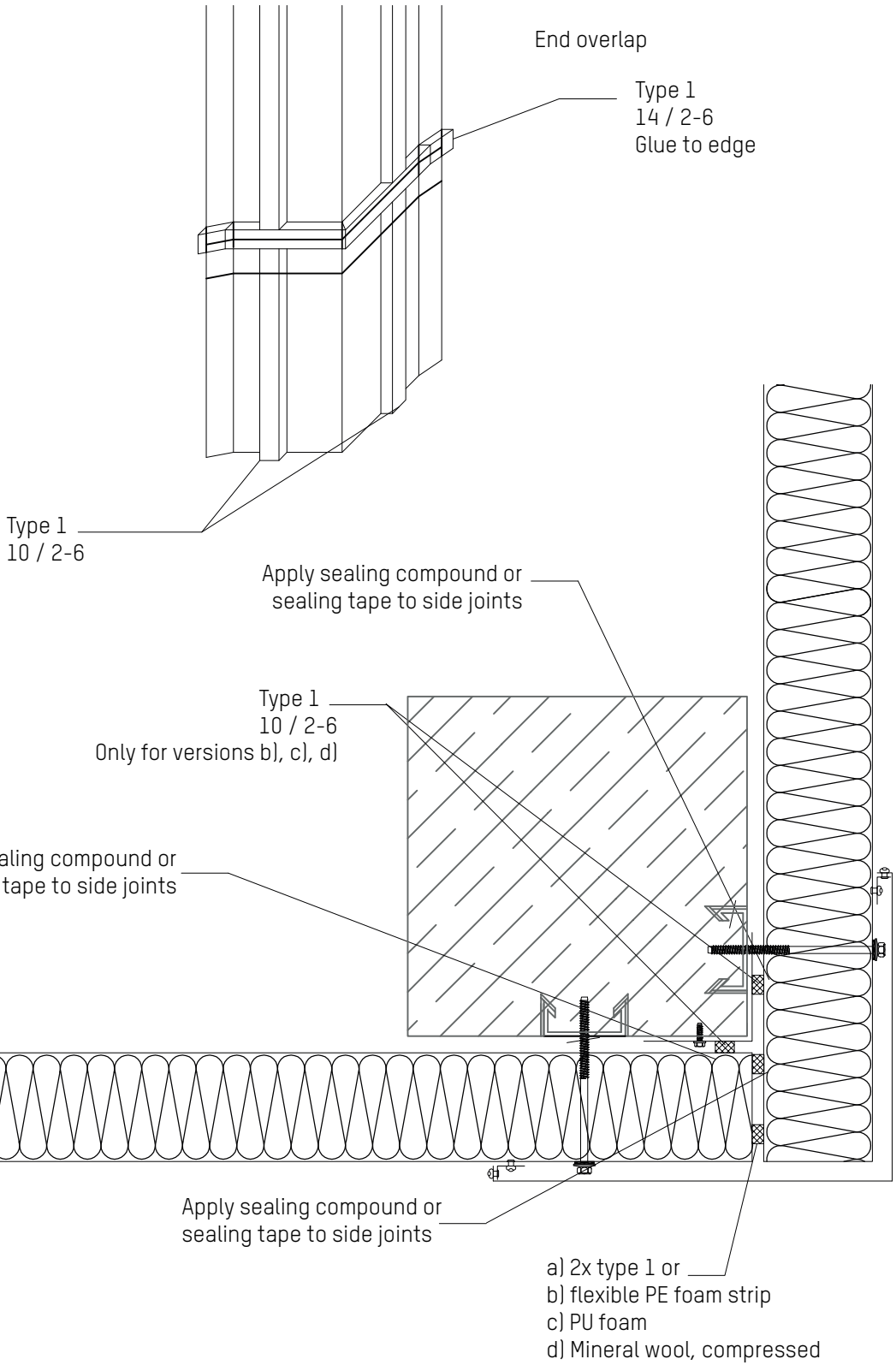

Industrial and building construction

Outer corner

- laid horizontally -

F 106.1

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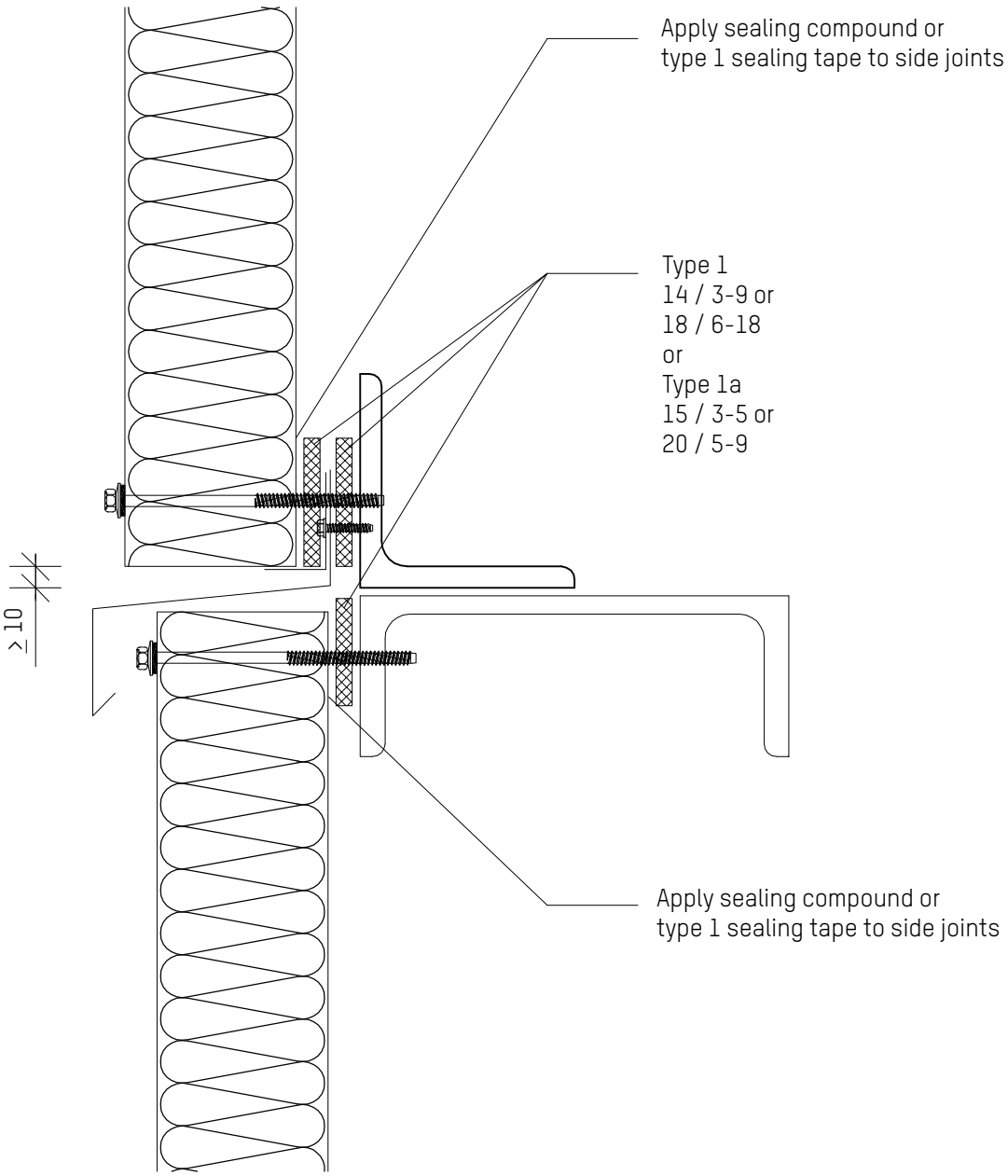

Industrial and building construction

End lap

F 107.1

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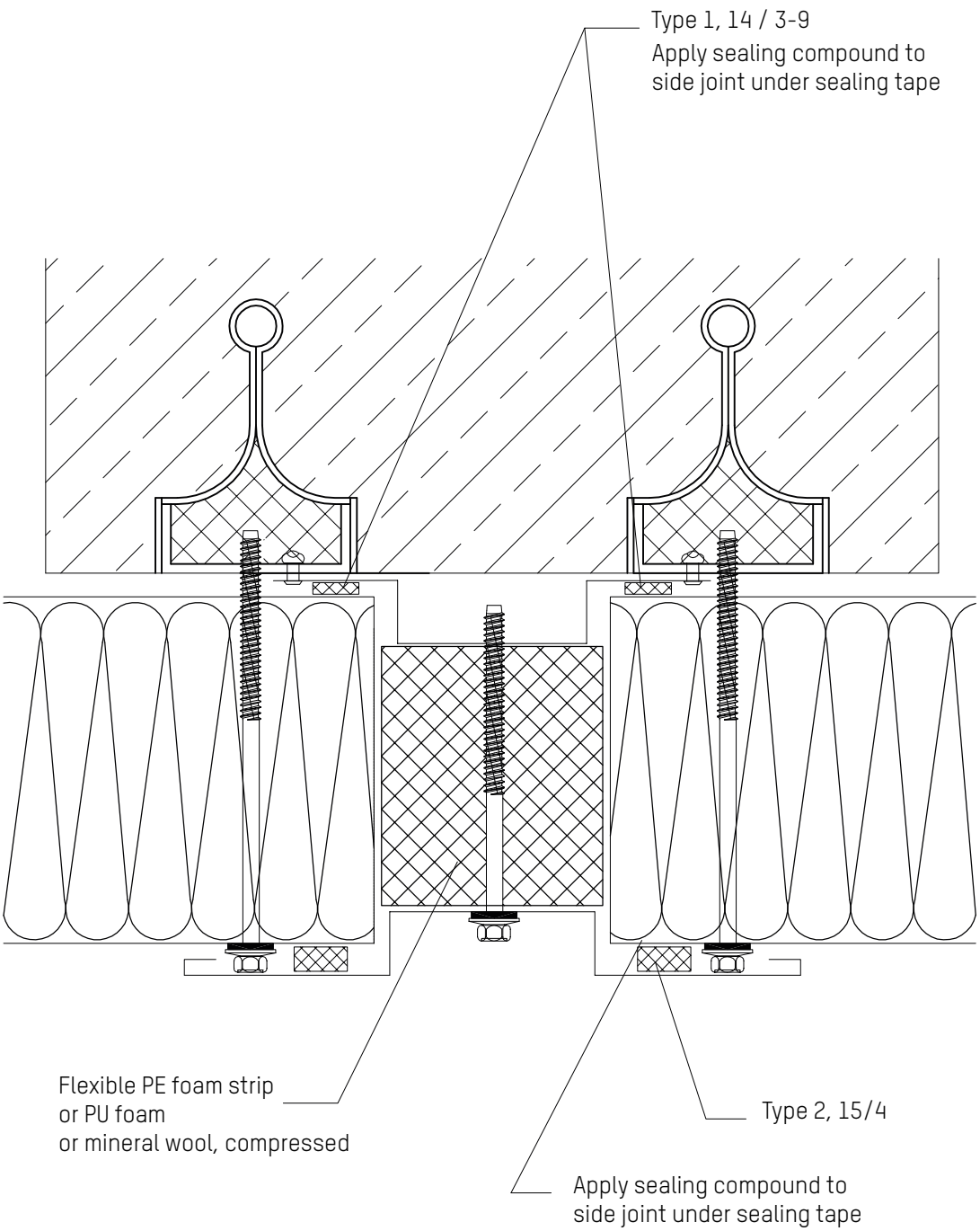

Industrial and building construction

Sandwich panel joint with pilaster

- laid horizontally -

F 108.1

As of: 09/15

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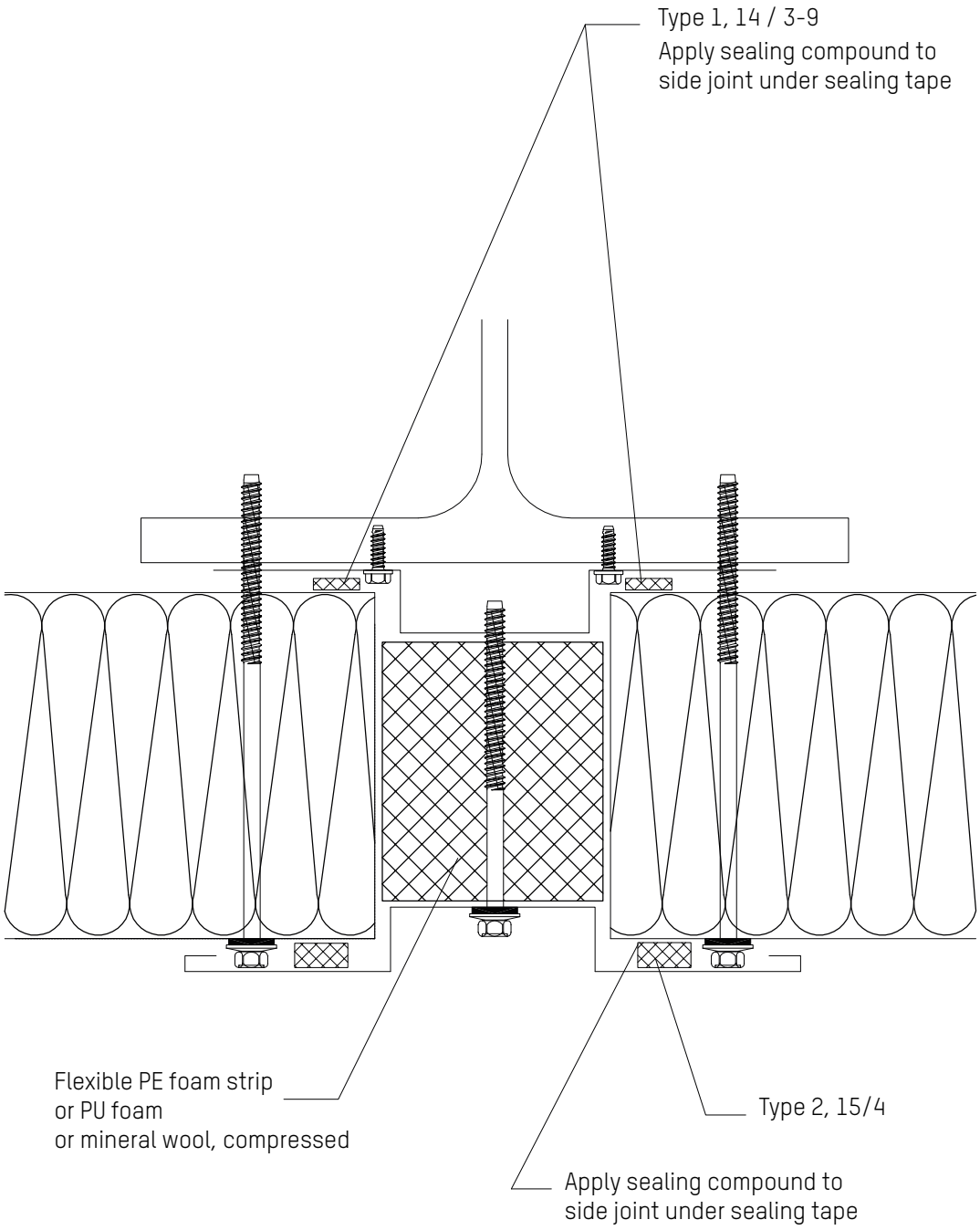

Industrial and building construction

Sandwich panel joint with pilaster

- laid horizontally -

F 109.1

As of: 09/15

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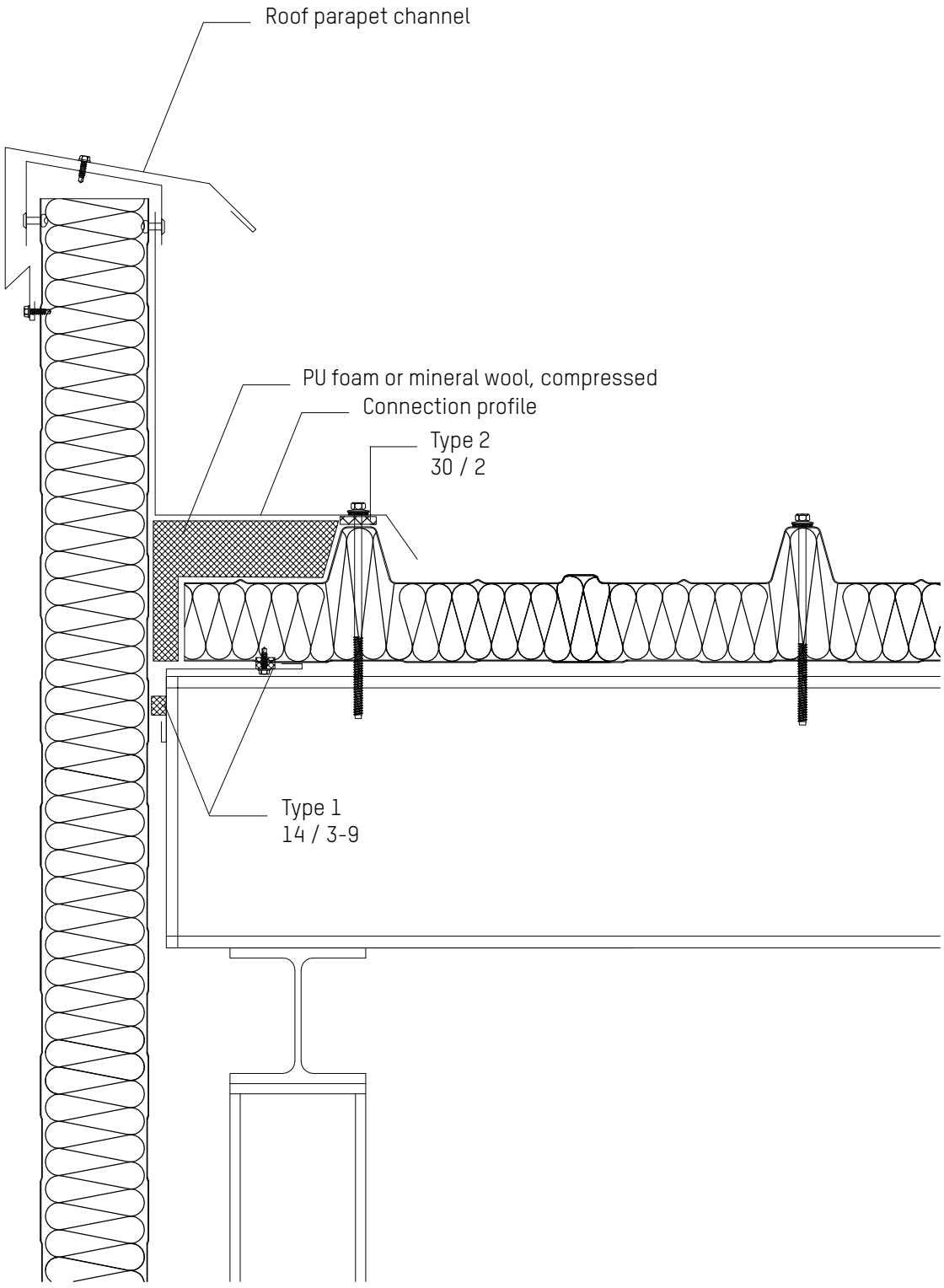

Industrial and building construction

Roof parapet channel

F 110.1

As of: 09/15

Properties	Reference to standard	Type 1	Type 1A	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7
Material	–	Compressible PU foam	Compressible PU foam, slow-expanding	Open-cell PU foam	Butyl tape	Gun-grade sealant based on hybrid or MS polymer	Multifunctional joint sealing tape	Closed-cell PE foam (profile filler)	Closed-cell PP foam (decoupling tape)
Area of application	DIN 18542 for types 1 / 1A / 2 / 5	Interior (BG R or BG 1 with additional requirement)*	Interior (BG R or BG 1 with additional requirement)*	Exterior, covered (BG 2)	Int./ext. complex connection detail	Int./ext. covered or weathered	Connection joint window/door, weather-exposed (MF 1), covered (MF 2)	Int./ext. partly covered, partly weather-exposed	Covered
Equipment / Features	–	Self-adhesive on one side	Self-adhesive on one side, delayed decompression	Self-adhesive on one side	Double-sided adhesive, opt. alu-laminated	Permanently elastic	Self-adhesive on one side	Profile-conforming, opt. self-adhesive, opt. alu-laminated	Self-adhesive on one side compression hardness at: 10 % ≥ 250 kPa 25 % ≥ 300 kPa
Resistance to driving rain	DIN EN 1027	No requirement (600 Pa, testet, at BG 1)		300 Pa	No requirement	≤ 600 Pa acc. to building requirement	600 Pa bei MF 1 300 Pa bei MF 2	No requirement	No requirement
Impregnating agent	–	Yes			No requirement	No requirement	Yes	No requirement	No requirement
Building material class (minimum)	DIN 4102 / DIN EN 13501	B1 for BG 1, B2 / E for BG		B2 / E B2 / E			B1 for MF 1, B2 / E for MF 2	B2 / E	
Water vapour diffusion resistance factor μ [–]	DIN ISO 12572	≤ 100	≤ 100	≤ 100	Vapour barrier / air barrier	Vapour barrier / air barrier	≤ 100	–	–
Thermal conductivity λ [W/(m·K)]	–	0,035–0,055	0,035–0,055	0,035–0,055	–	–	0,035–0,055	≤ 0,040	≤ 0,055
Temperature resistance	–	–20 °C to +80 °C							
Temperature change resistance (min.)	DIN 18542 for types 1 / 1A / 2 / 5	–20 °C to +80 °C			–	–	–20 °C to +80 °C (MF 1) / –20 °C to +60 °C (MF 2)	–	–
Joint permeability [m³/(m·h·(daPa)²/³)]	DIN EN 12114	a ≤ 0,1	a ≤ 0,1	a ≤ 1,0	a ≈ 0,00	a ≈ 0,00	a ≤ 0,1	–	–
Weather resistance	–	Must be provided		Must be provided in acc. with the covered application	UV-resistant for outdoor use	Must be provided		UV-resistant under outdoor weather exposure	–
Compatibility with adjacent building materials	DIN 18542 for types 1 / 1A / 2 / 5	Must be provided							
Example dimensions [mm]	–	14/1-3, 10/2-6 14/2-6, 14/3-9 14/5-12, 18/6-18	15/3-5 20/5-9	30/2 15/4				Profile shape adapted, min. 30 mm	80 / 3 60 / 3 40 / 3

*) Additional requirement: Joint permeability coefficient a ≤ 0.1.

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