

# **TECHNONICOL**



## **TECHNICAL SOLUTION FOR A PITCHED ROOF WITH THERMAL INSULATION OF PIR BOARDS**

**TN\_SHINGLES\_MANSARD\_PIR\_EN**



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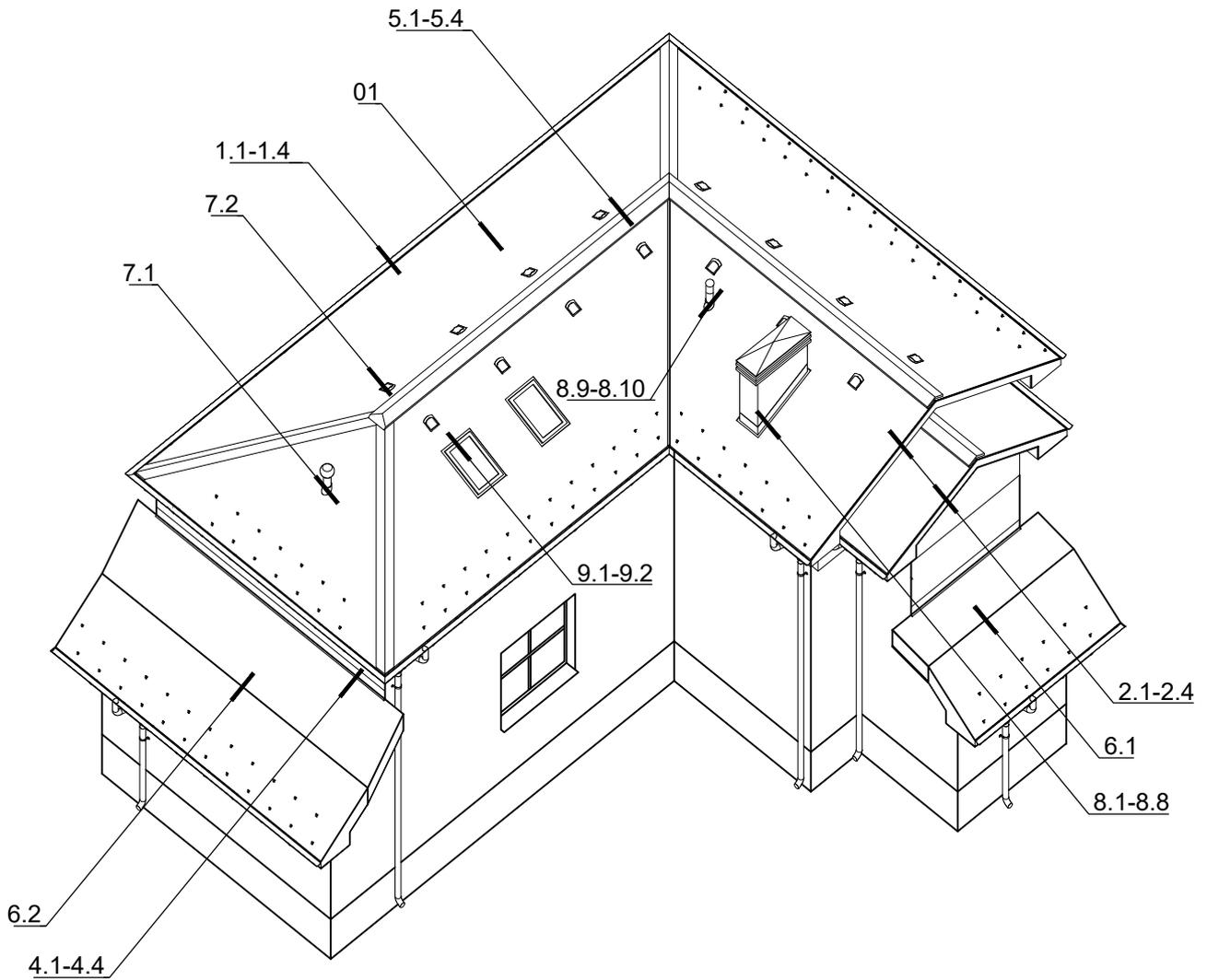
				TN_SHINGLES_MANSARD_PIR_EN	DESIGN	APPROVED
					SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	Register of drawings	DWG No.	REV.



## Register of drawings

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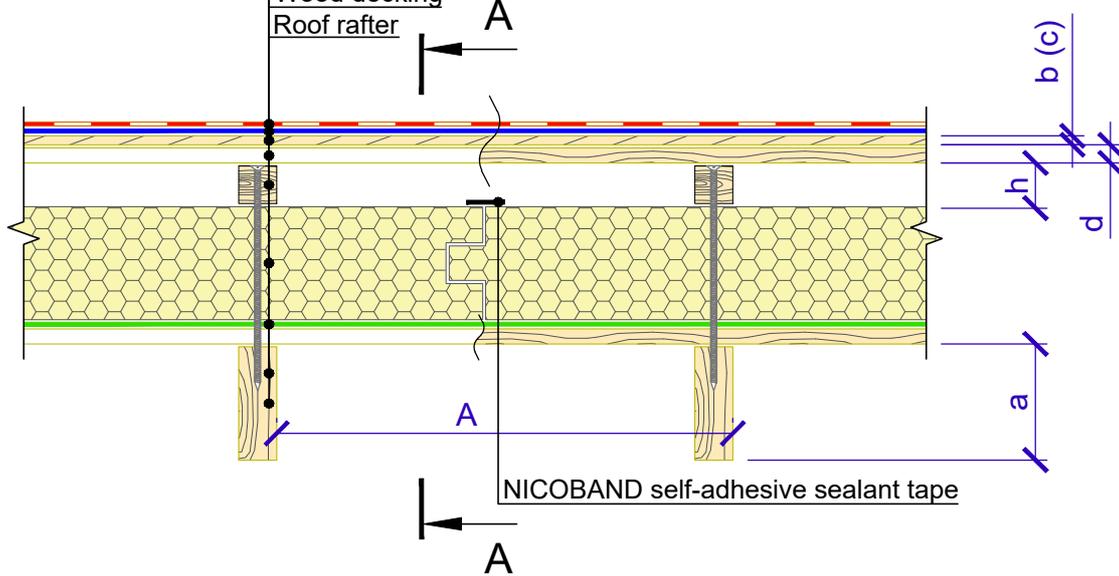
				TN_SHINGLES_MANSARD_PIR_EN	DESIGN	APPROVED
				Register of drawings	SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED		DWG No.	REV.



				TN_SHINGLES_MANSARD_PIR_EN	DESIGN	APPROVED
				Scheme of labeling of system details	SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED		DWG No.	REV.

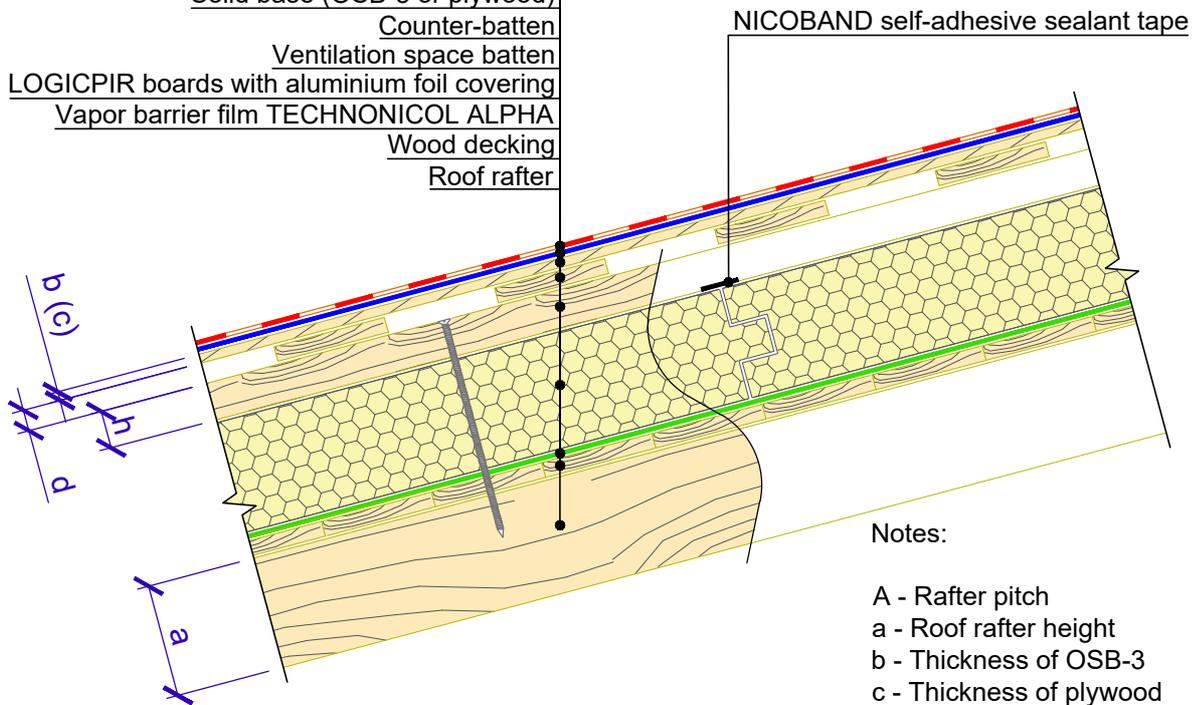


TECHNONICOL roofing shingles  
 Underlayment membrane of UNDERLAY series  
 Solid base (OSB-3 or plywood)  
 Counter-batten  
 Ventilation space batten  
 LOGICPIR boards with aluminium foil covering  
 Vapor barrier film TECHNOMICOL ALPHA  
 Wood decking  
 Roof rafter



A - A

TECHNONICOL roofing shingles  
 Underlayment membrane of UNDERLAY series  
 Solid base (OSB-3 or plywood)  
 Counter-batten  
 Ventilation space batten  
 LOGICPIR boards with aluminium foil covering  
 Vapor barrier film TECHNOMICOL ALPHA  
 Wood decking  
 Roof rafter



Notes:

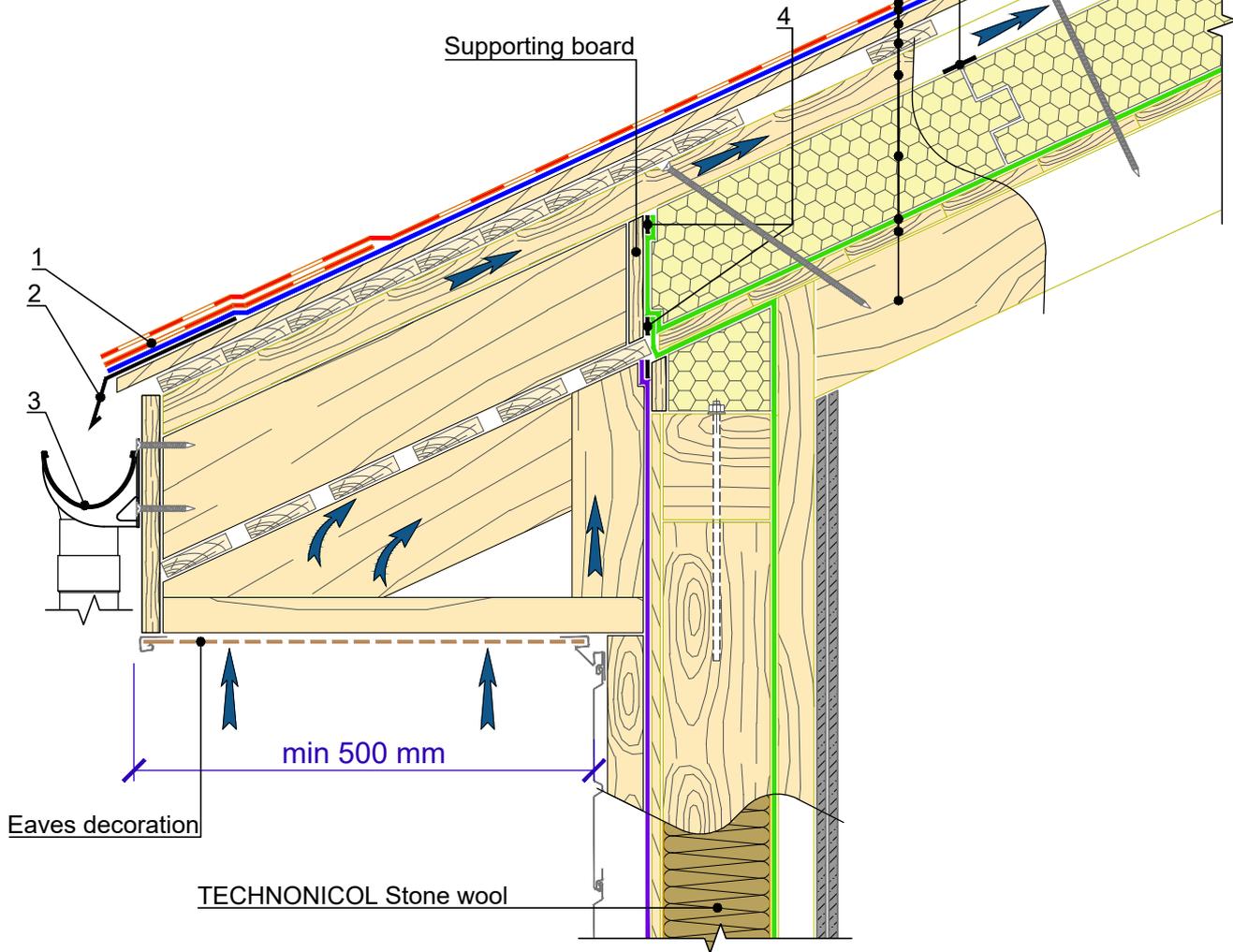
- A - Rafter pitch
- a - Roof rafter height
- b - Thickness of OSB-3
- c - Thickness of plywood
- d - Thickness of roof battens
- h - Thickness of ventilation space battens

				TN_SHINGLES_MANSARD_PIR_EN	DESIGN	APPROVED
				General structure of the TN-Shingles Mansard roofing system	SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED		DWG No. 01 - 2021.11	REV.



TECHNICOL roofing shingles  
 Underlayment membrane of UNDERLAY series  
 Solid base (OSB-3 or plywood)  
 Counter-batten  
 Ventilation space batten  
 LOGICPIR boards with aluminium foil covering  
 Vapor barrier film TECHNICOL ALPHA  
 Wood decking  
 Roof rafter

NICOBAND self-adhesive sealant tape

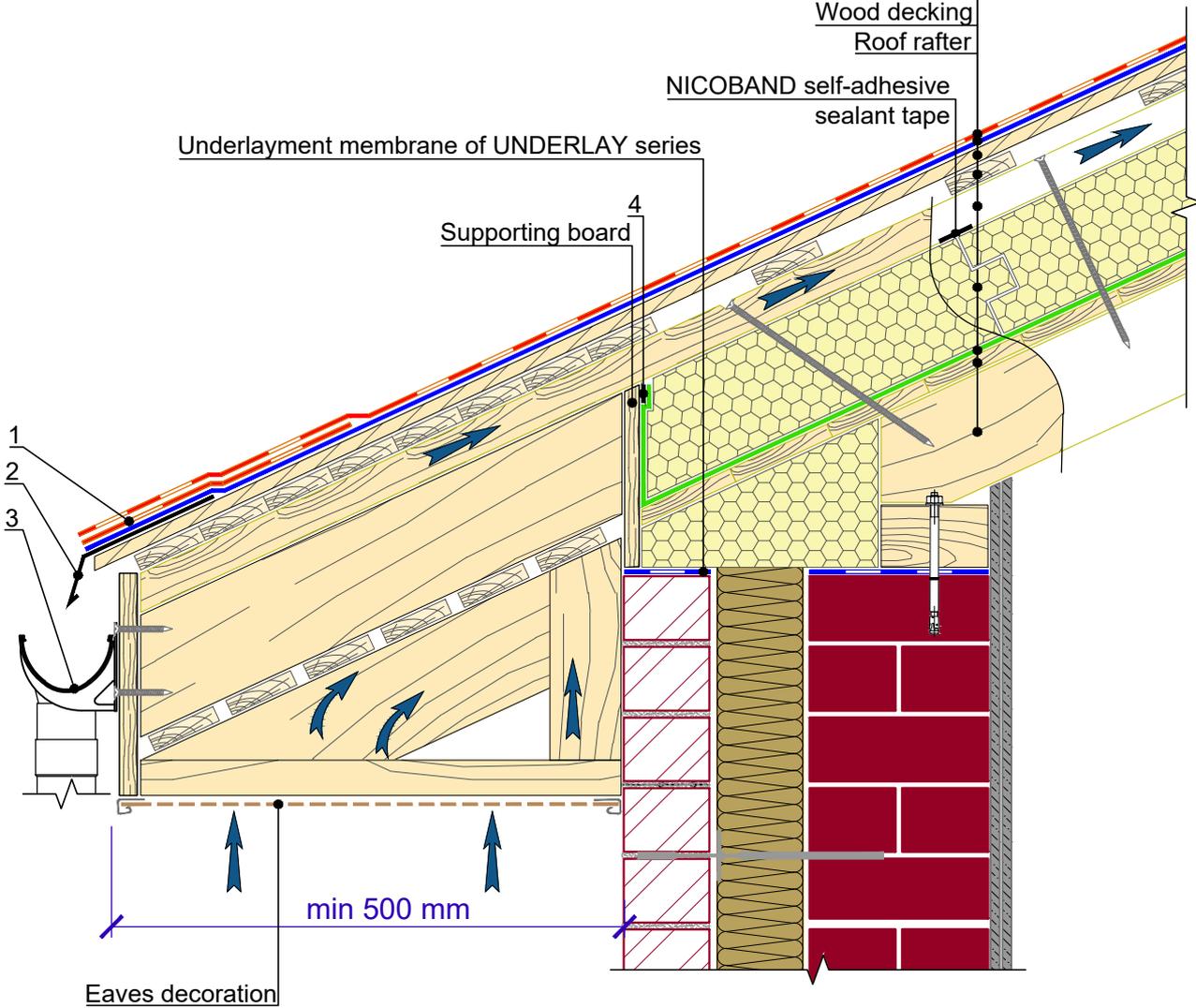


**Specification of detail DWG No. 1.1 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Hip&ridge shingles	0.25	m <sup>2</sup>		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Gutter	0.4 / 0.7	pcs.	length 3 m / 1.5 m	
4	Adhesive tape	upon the project	m		
				DESIGN	APPROVED
				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	Eaves overhang. Junction of the roof to the facade system TN-Facade Eco.	
				DWG No. 1.1 - 2021.11	REV.



- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNONICOL ALPHA
- Wood decking
- Roof rafter



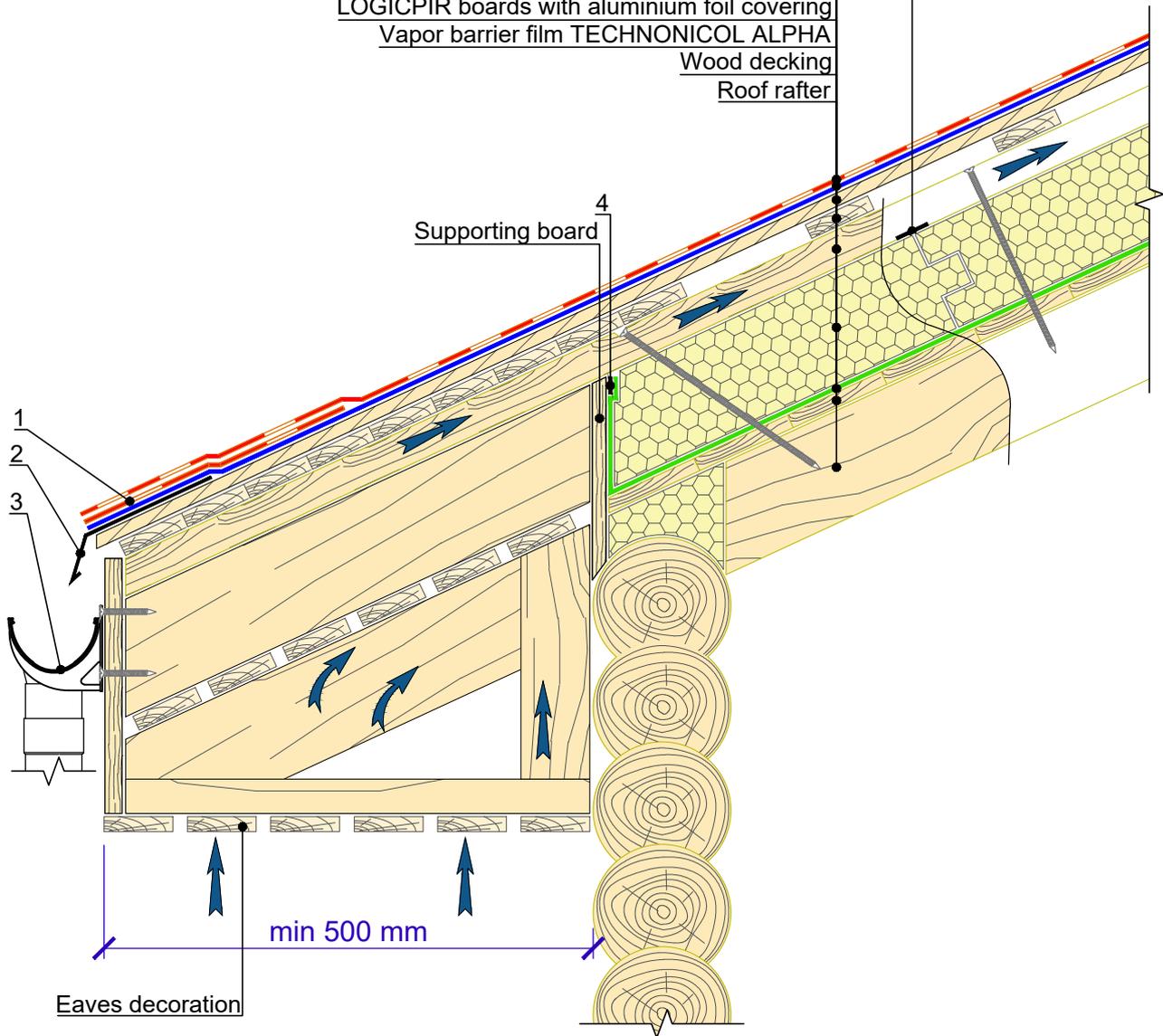
**Specification of detail DWG No. 1.2 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Hip&ridge shingles	0.25	m <sup>2</sup>		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Gutter	0.4 / 0.7	pcs.	length 3 m / 1.5 m	
4	Adhesive tape	upon the project	m		
				DESIGN	APPROVED
				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	Eaves overhang. Junction of the roof to the facade system TN-Facade Standard.	
				DWG No. 1.2 - 2021.11	REV.



TECHNONICOL roofing shingles  
 Underlayment membrane of UNDERLAY series  
 Solid base (OSB-3 or plywood)  
 Counter-batten  
 Ventilation space batten  
 LOGICPIR boards with aluminium foil covering  
 Vapor barrier film TECHNOMICOL ALPHA  
 Wood decking  
 Roof rafter

NICOBAND self-adhesive sealant tape



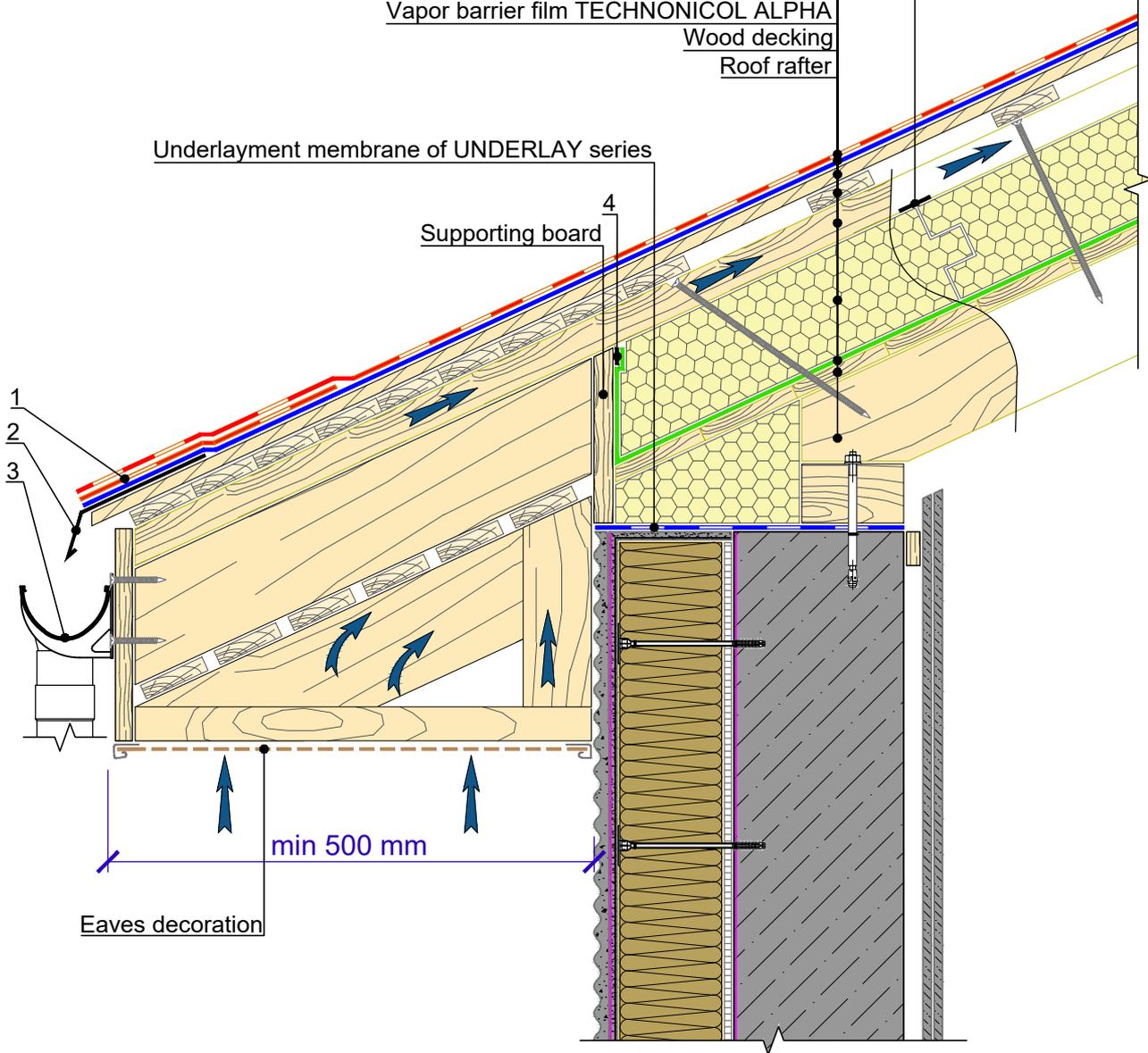
**Specification of detail DWG No. 1.3 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Hip&ridge shingles	0.25	m <sup>2</sup>		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Gutter	0.4 / 0.7	pcs.	length 3 m / 1.5 m	
4	Adhesive tape	upon the project	m		
				DESIGN	APPROVED
				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	Eaves overhang. Junction of the roof to the log wall.	
				DWG No. 1.3 - 2021.11	REV.



TECHNONICOL roofing shingles  
Underlayment membrane of UNDERLAY series  
Solid base (OSB-3 or plywood)  
Counter-batten  
Ventilation space batten  
LOGICPIR boards with aluminium foil covering  
Vapor barrier film TECHNOMICOL ALPHA  
Wood decking  
Roof rafter

NICOBAND self-adhesive sealant tape

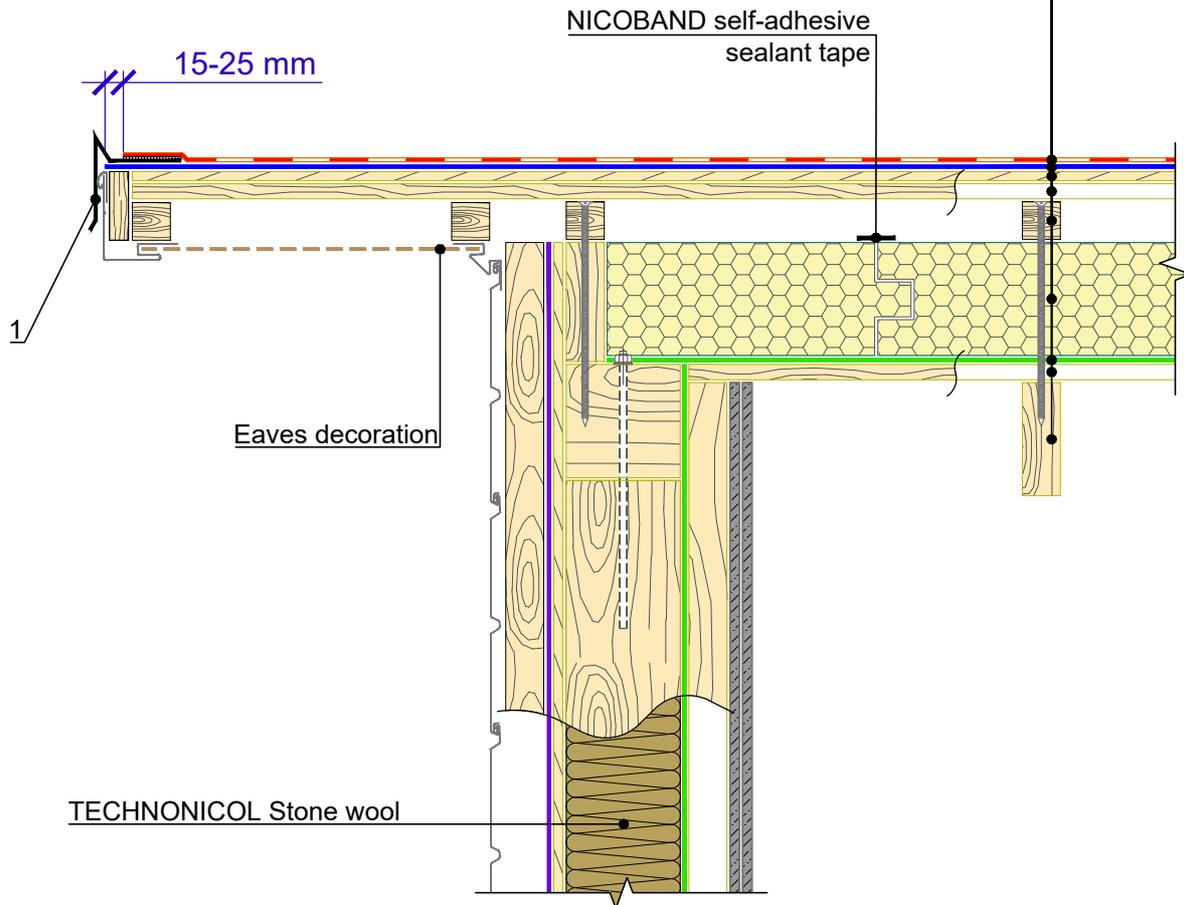


**Specification of detail DWG No. 1.4 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Hip&ridge shingles	0.25	m <sup>2</sup>		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Gutter	0.4 / 0.7	pcs.	length 3 m / 1.5 m	
4	Adhesive tape	upon the project	m		
				DESIGN	APPROVED
				SCALE	DATE
				DWG No. 1.4 - 2021.11	REV.
REV.	DATE	DESCRIPTION	CHECKED	Eaves overhang. Junction of the roof to the facade system TN-Facade Decor.	



TECHNONICOL roofing shingles  
 Underlayment membrane of UNDERLAY series  
 Solid base (OSB-3 or plywood)  
 Counter-batten  
 Ventilation space batten  
 LOGICPIR boards with aluminium foil covering  
 Vapor barrier film TECHNOMICOL ALPHA  
 Wood decking  
 Roof rafter



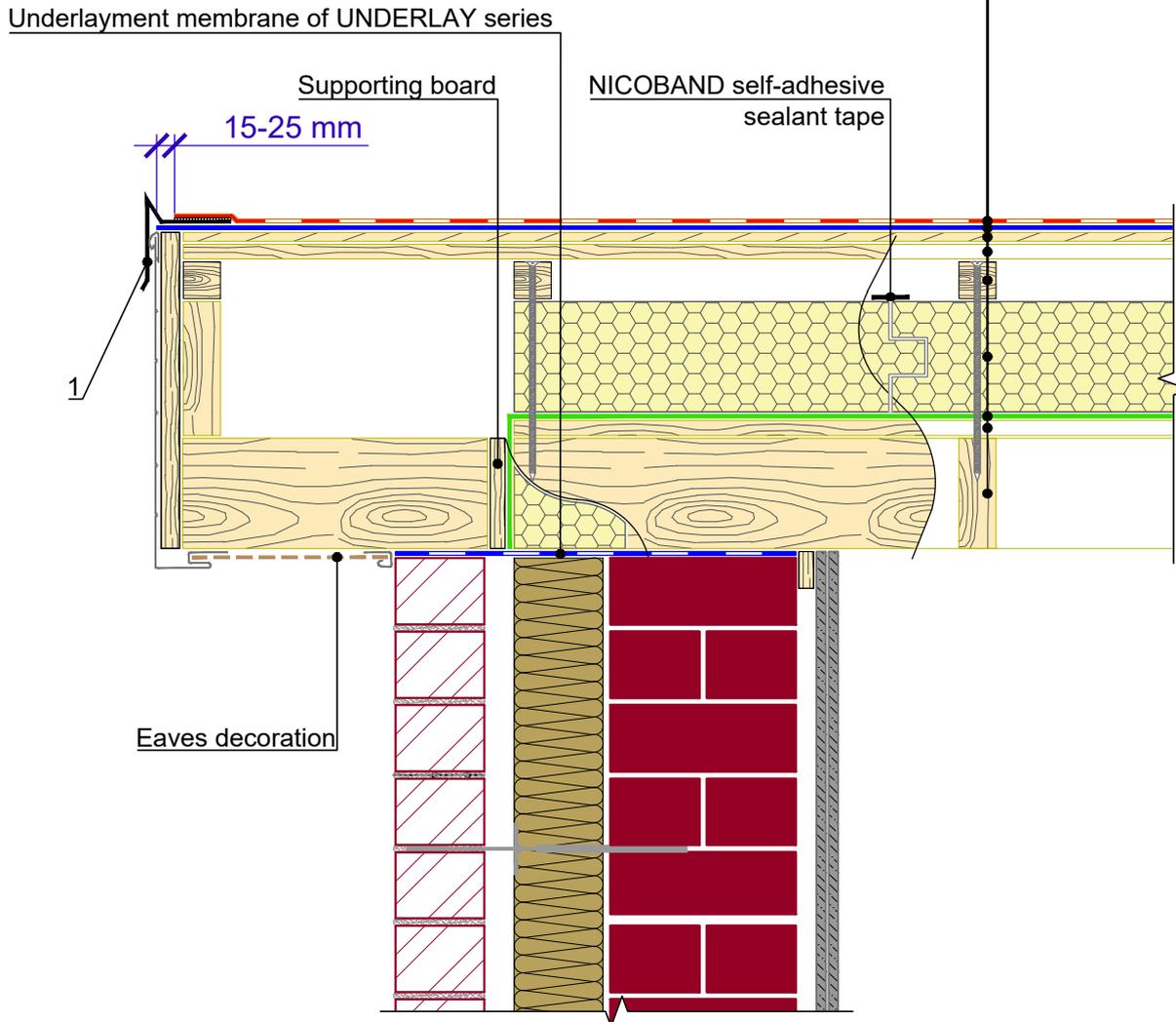
**Specification of detail DWG No. 2.1 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note
1	Metal flashing	0.5	pcs.	length 2 m

				TN_SHINGLES_MANSARD_PIR_EN	DESIGN	APPROVED
				Gable. Junction of the roof to the facade system TN-Facade Eco.	SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED		DWG No. 2.1 - 2021.11	REV.



TECHNONICOL roofing shingles  
 Underlayment membrane of UNDERLAY series  
 Solid base (OSB-3 or plywood)  
 Counter-batten  
 Ventilation space batten  
 LOGICPIR boards with aluminium foil covering  
 Vapor barrier film TECHNOMICOL ALPHA  
 Wood decking  
 Roof rafter

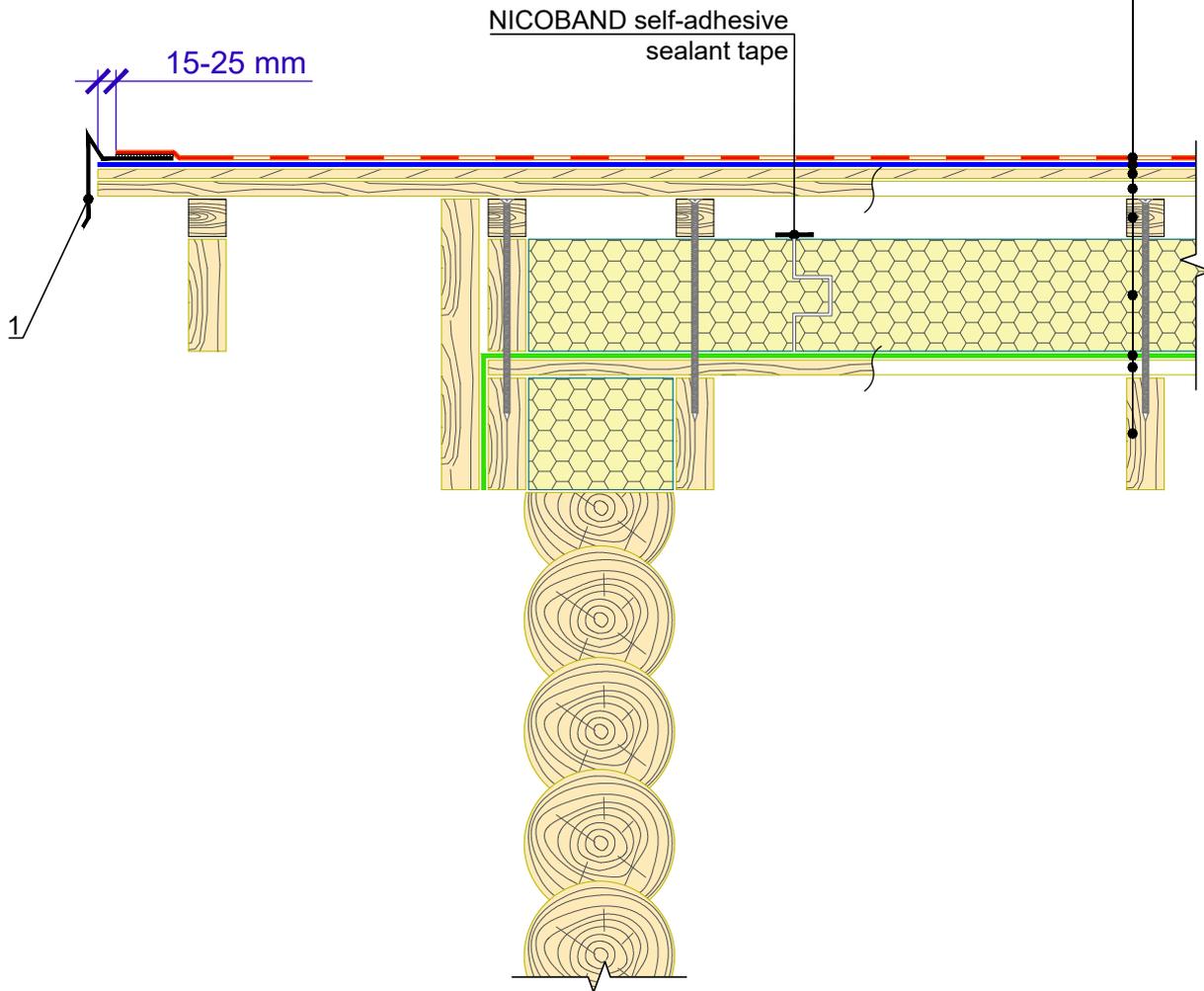


**Specification of detail DWG No. 2.2 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Metal flashing	0.5	pcs.	length 2 m	
2	Adhesive tape	upon the project	m		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
Gable. Junction of the roof to the facade system TN-Facade Standard.				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	DWG No. 2.2 - 2021.11	REV.



- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
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- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNONICOL ALPHA
- Wood decking
- Roof rafter



**Specification of detail DWG No. 2.3 - 2021.11**

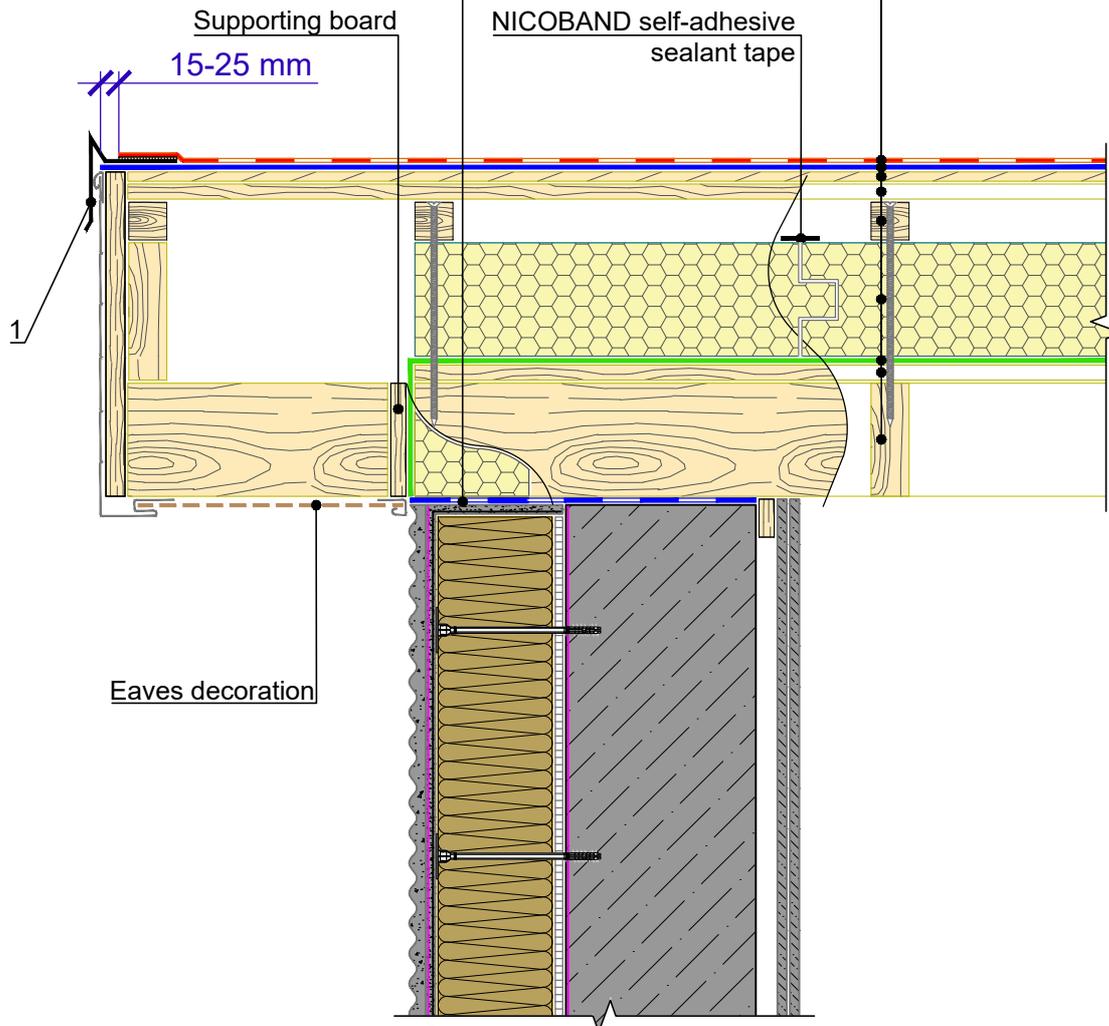
Position	Name	Consumption per one linear meter	Unit	Note
1	Metal flashing	0.5	pcs.	length 2 m

				TN_SHINGLES_MANSARD_PIR_EN	DESIGN	APPROVED
				Gable. Junction of the roof to the log wall.	SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED		DWG No. 2.3 - 2021.11	REV.



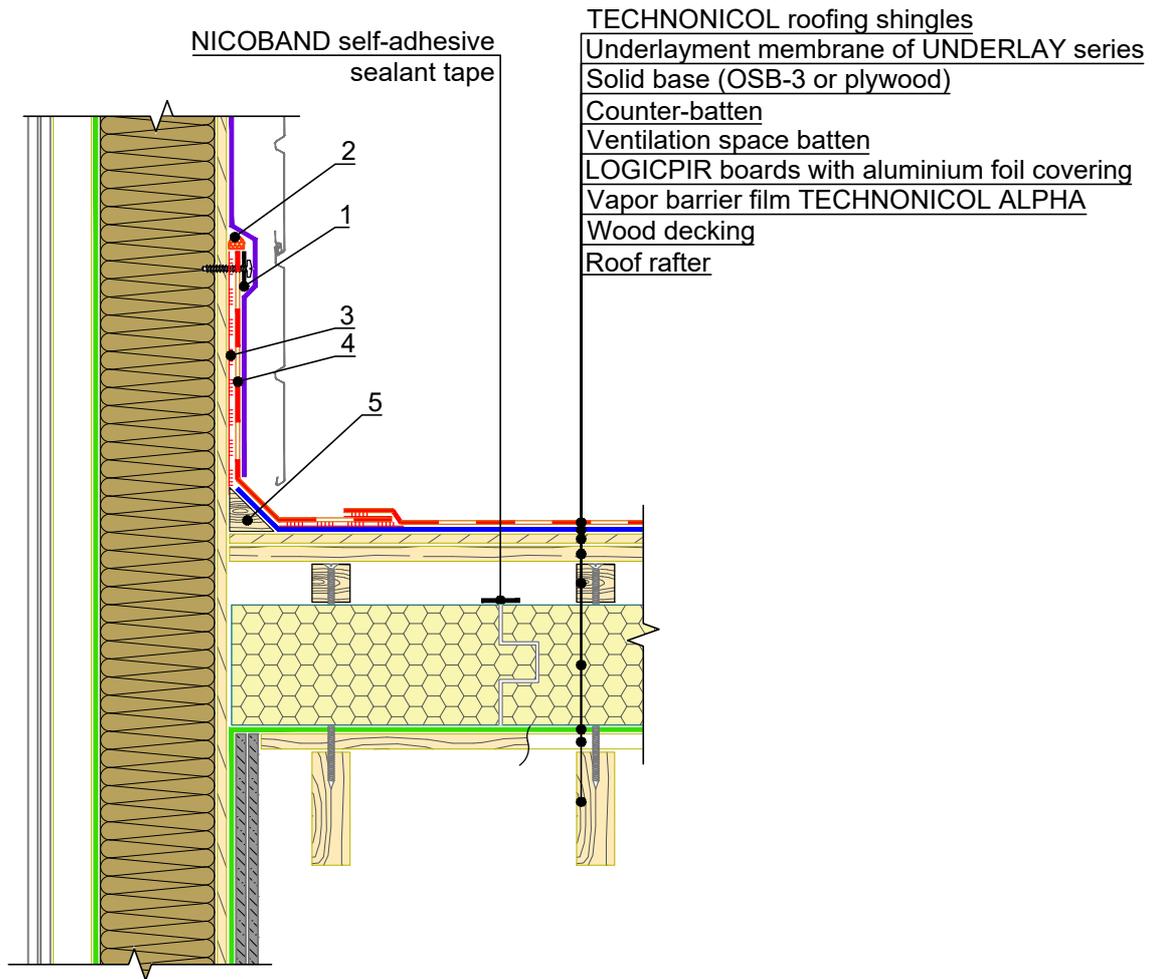
TECHNONICOL roofing shingles  
Underlayment membrane of UNDERLAY series  
Solid base (OSB-3 or plywood)  
Counter-batten  
Ventilation space batten  
LOGICPIR boards with aluminium foil covering  
Vapor barrier film TECHNOMICOL ALPHA  
Wood decking  
Roof rafter

Underlayment membrane of UNDERLAY series



**Specification of detail DWG No. 2.4 - 2021.11**

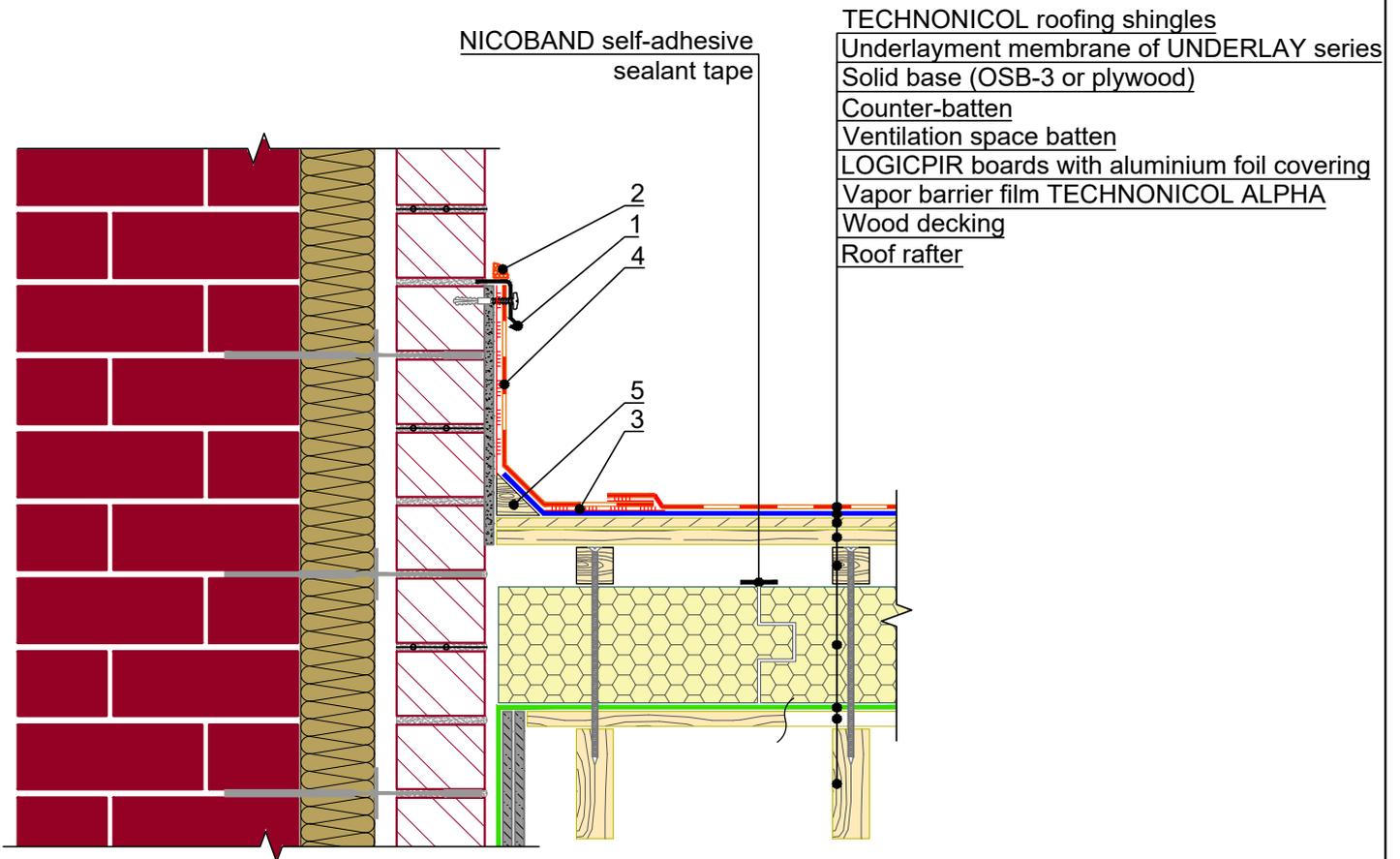
Position	Name	Consumption per one linear meter	Unit	Note																		
1	Metal flashing	0.5	pcs.	length 2 m																		
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				DESIGN	APPROVED																	
				SCALE	DATE																	
REV.	DATE	DESCRIPTION	CHECKED	DWG No. 2.4 - 2021.11	REV.																	
				TN_SHINGLES_MANSARD_PIR_EN																		
				Gable. Junction of the roof to the facade system TN-Facade Decor.																		



- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
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- Vapor barrier film TECHNONICOL ALPHA
- Wood decking
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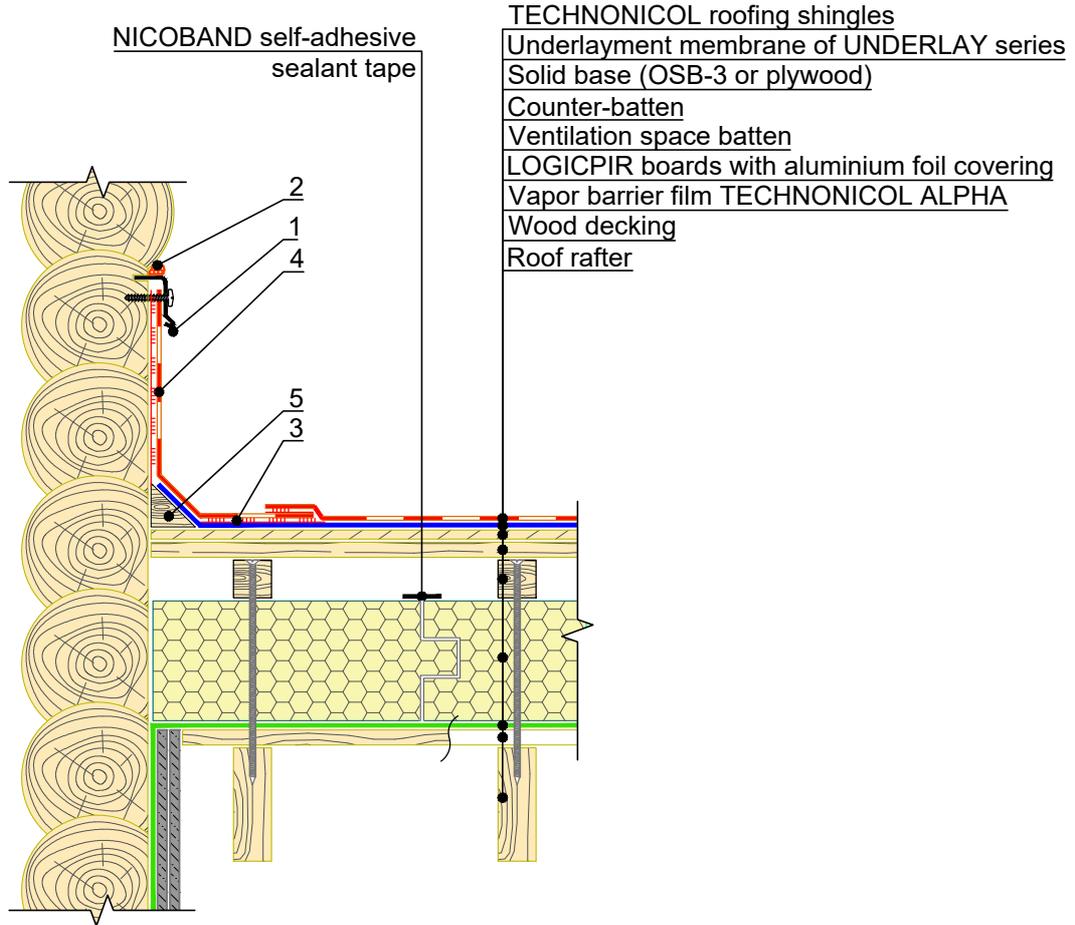
**Specification of detail DWG No. 3.1 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Metal flashing	0.5	pcs.	length 2 m	
2	Polyurethane sealant	0.15	kg		
3	Mastic TECHNONICOL FIXER	0.75	kg		
4	Valley roll material	0.5	m <sup>2</sup>		
5	Wood skirting	upon the project	pcs.		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
Side abutment to the wall. Junction of the facade system TN-Facade Eco.				SCALE	DATE
				DWG No. 3.1 - 2021.11	REV.
REV.	DATE	DESCRIPTION	CHECKED		



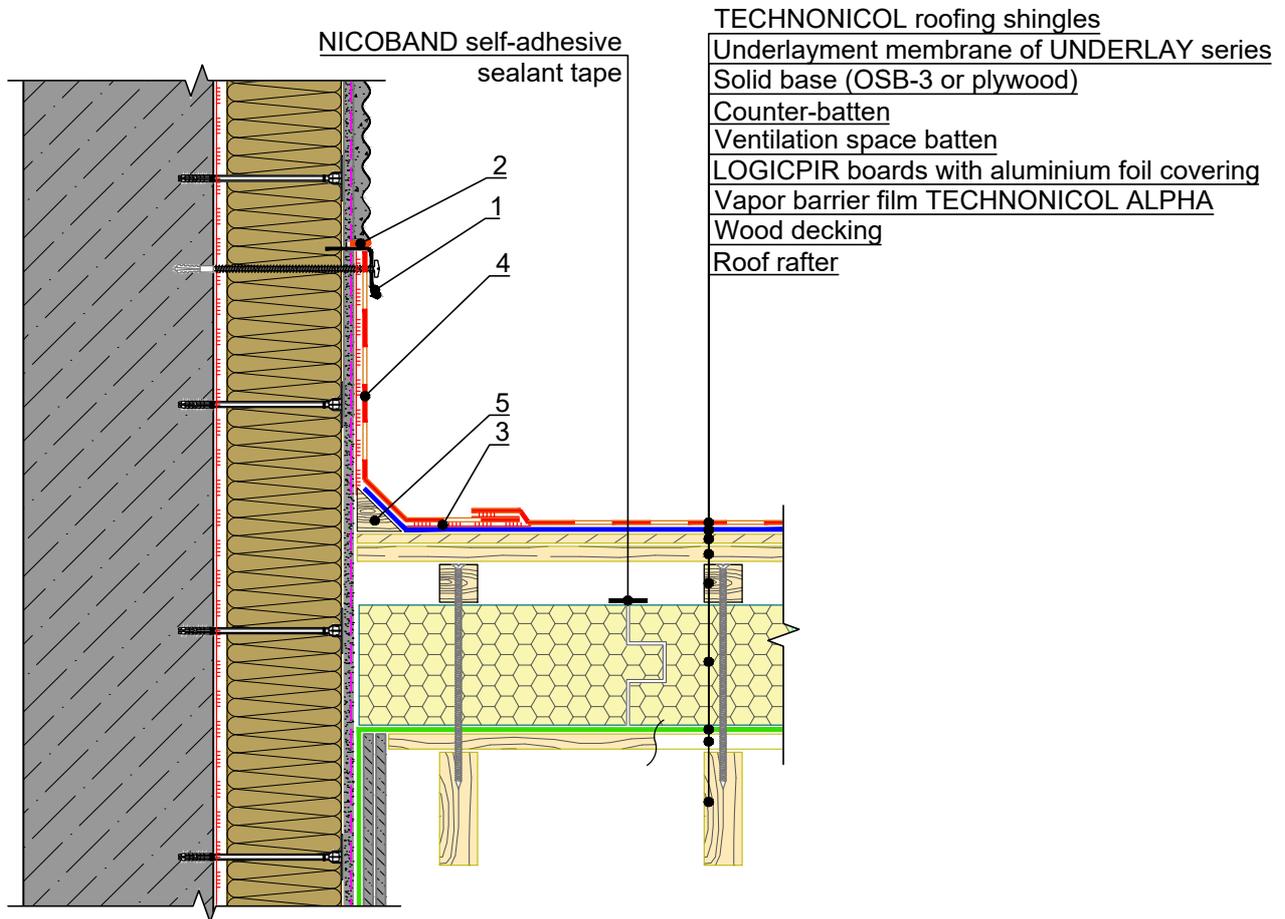
**Specification of detail DWG No. 3.2 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Metal flashing	0.5	pcs.	length 2 m	
2	Polyurethane sealant	0.15	kg		
3	Mastic TECHNONICOL FIXER	0.75	kg		
4	Valley roll material	0.5	m <sup>2</sup>		
5	Wood skirting	upon the project	pcs.		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
Side abutment to the wall. Junction of the facade system TN-Facade Standard.				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	DWG No. 3.2 - 2021.11	REV.



**Specification of detail DWG No. 3.3 - 2021.11**

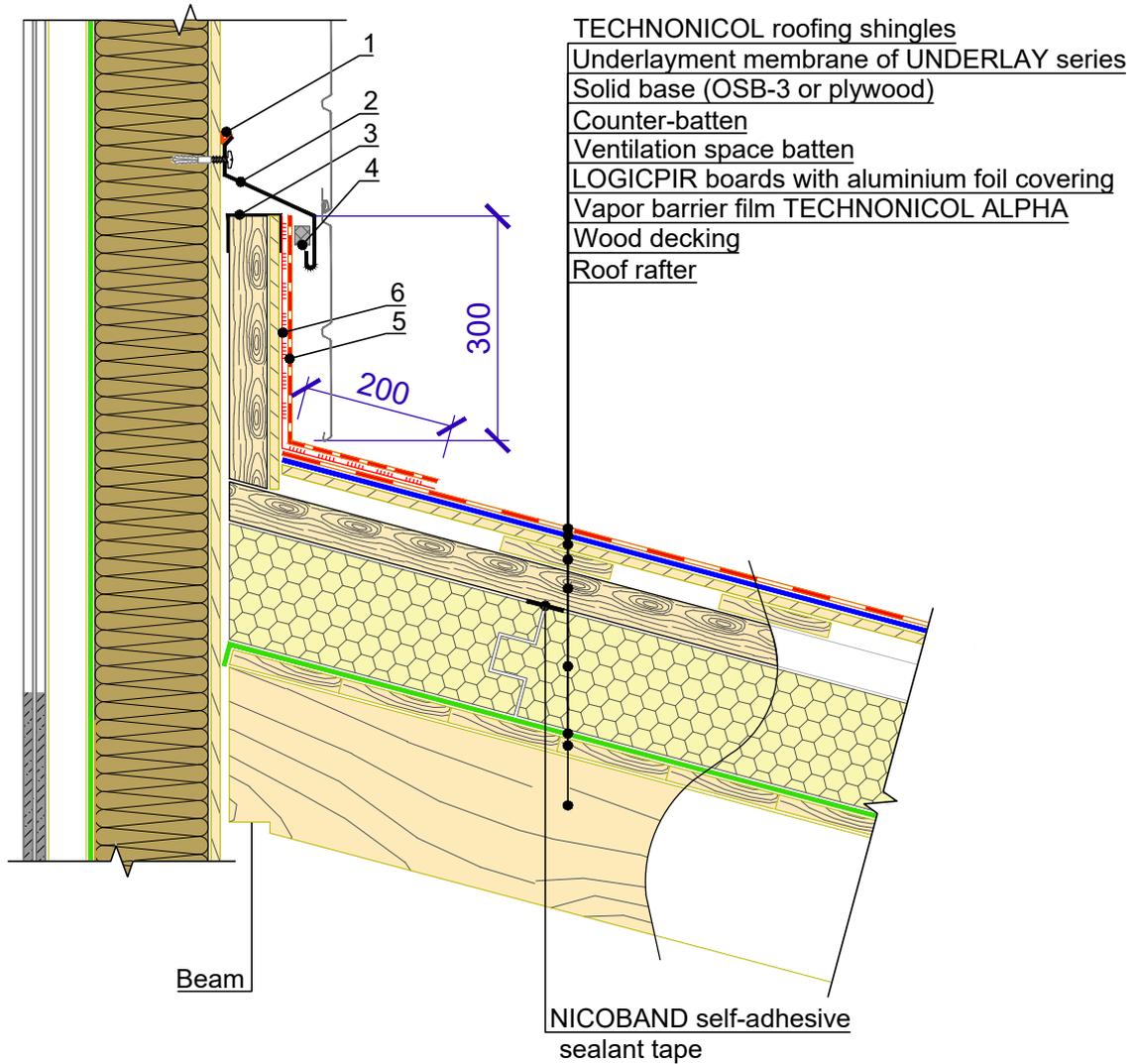
Position	Name	Consumption per one linear meter	Unit	Note	
1	Metal flashing	0.5	pcs.	length 2 m	
2	Polyurethane sealant	0.15	kg		
3	Mastic TECHNONICOL FIXER	0.75	kg		
4	Valley roll material	0.5	m <sup>2</sup>		
5	Wood skirting	upon the project	pcs.		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
Side abutment to the wall. Junction of the roof to the log wall.				SCALE	DATE
				DWG No. 3.3 - 2021.11	REV.
REV.	DATE	DESCRIPTION	CHECKED		



- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNONICOL ALPHA
- Wood decking
- Roof rafter

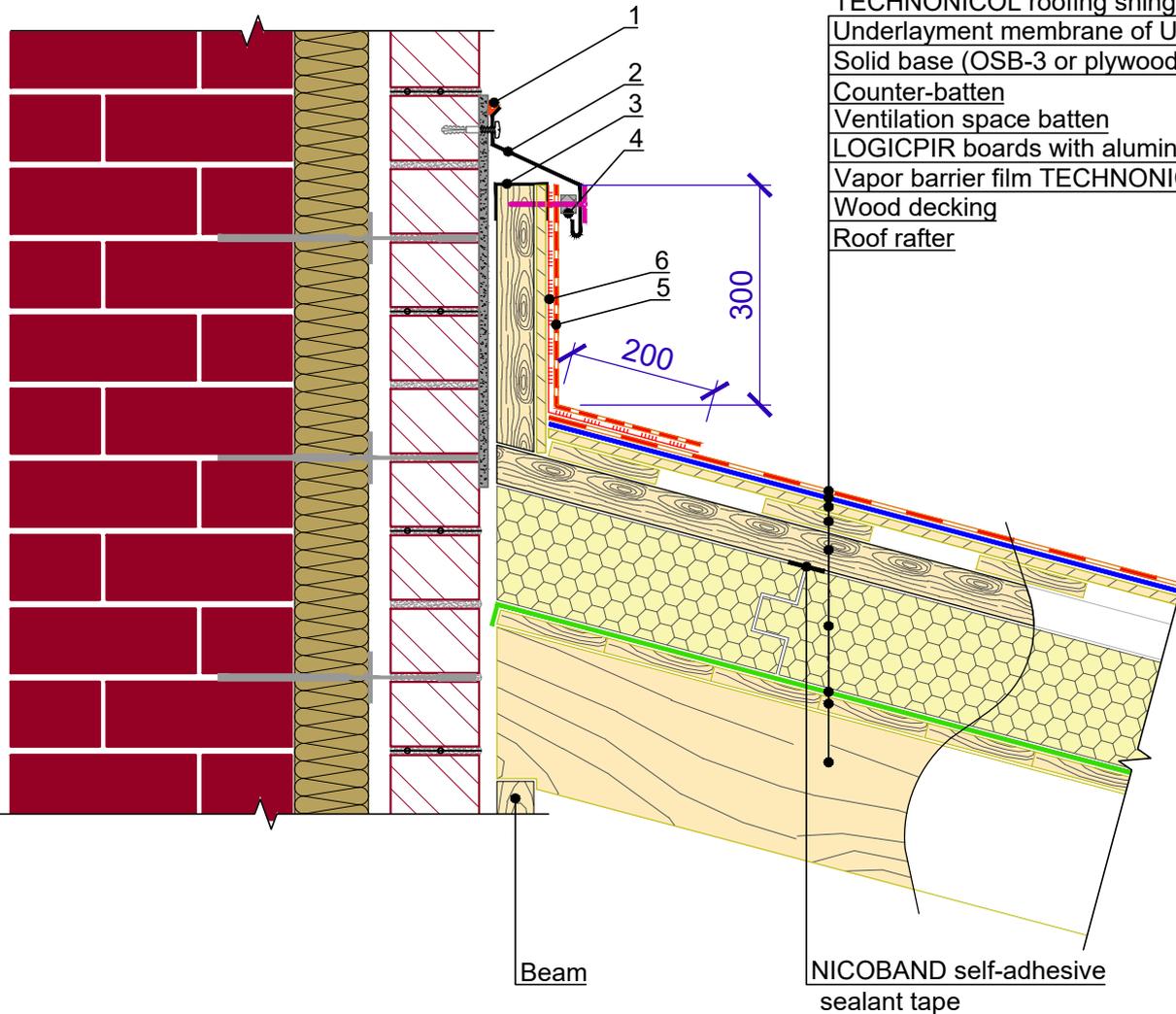
**Specification of detail DWG No. 3.4 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Metal flashing	0.5	pcs.	length 2 m	
2	Polyurethane sealant	0.15	kg		
3	Mastic TECHNONICOL FIXER	0.75	kg		
4	Valley roll material	0.5	m <sup>2</sup>		
5	Wood skirting	upon the project	pcs.		
				DESIGN	APPROVED
				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	TN_SHINGLES_MANSARD_PIR_EN Side abutment to the wall. Junction of the facade system TN-Facade Decor.	
				DWG No. 3.4 - 2021.11	REV.



**Specification of detail DWG No. 4.1 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Polyurethane sealant	0.15	kg		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Mosquito net	upon the project	pcs.		
4	Spacer	upon the project	pcs.		
5	Valley roll material	0.5	m <sup>2</sup>		
6	Mastic TECHNOMICOL FIXER	0.75	kg		
				DESIGN	APPROVED
				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	TN_SHINGLES_MANSARD_PIR_EN  End abutment to the wall. Junction of the facade system TN-Facade Standard.	
				DWG No. 4.1 - 2021.11	REV.

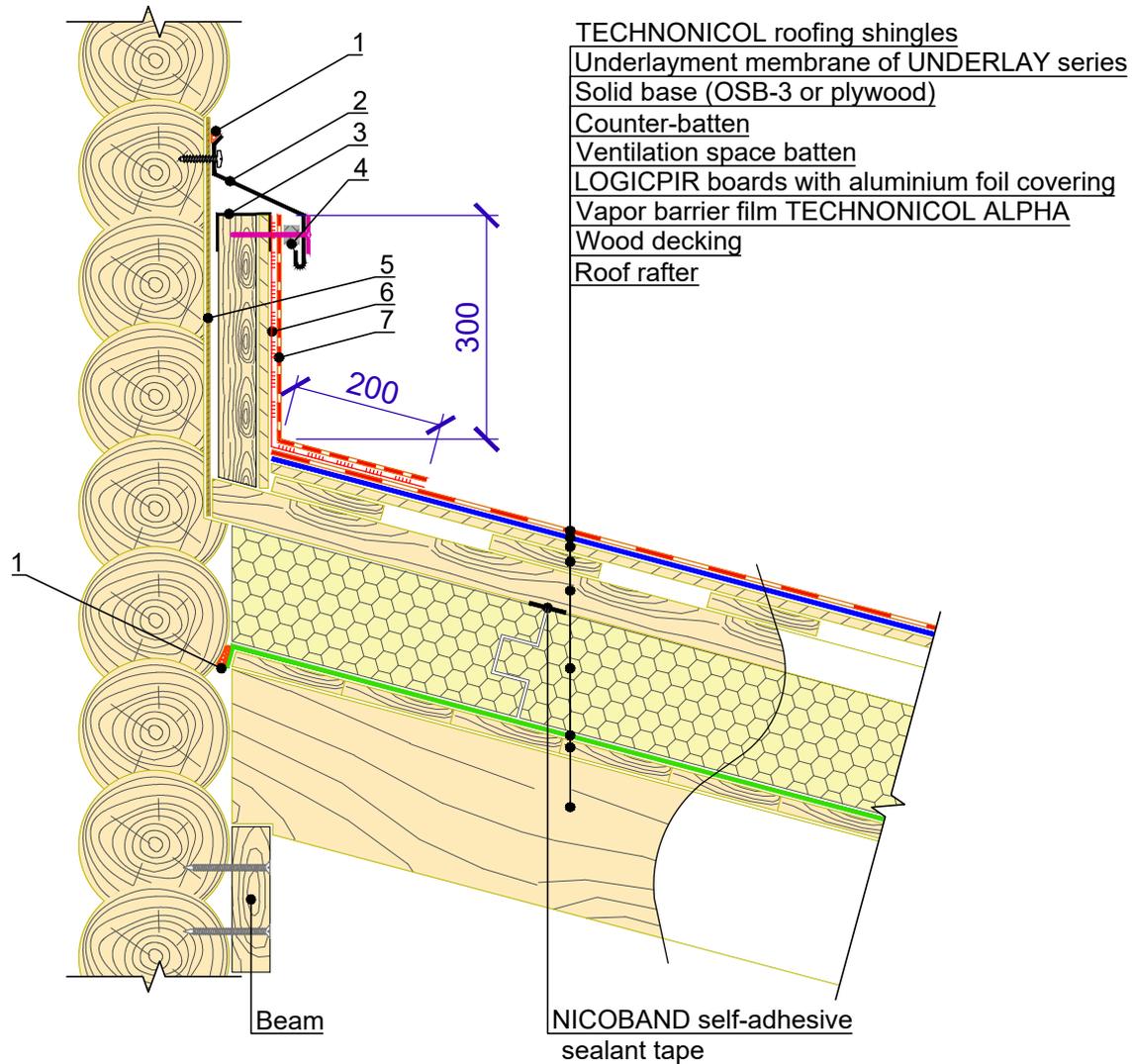


- TECHNOMICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNOMICOL ALPHA
- Wood decking
- Roof rafter

**Specification of detail DWG No. 4.2 - 2021.11**

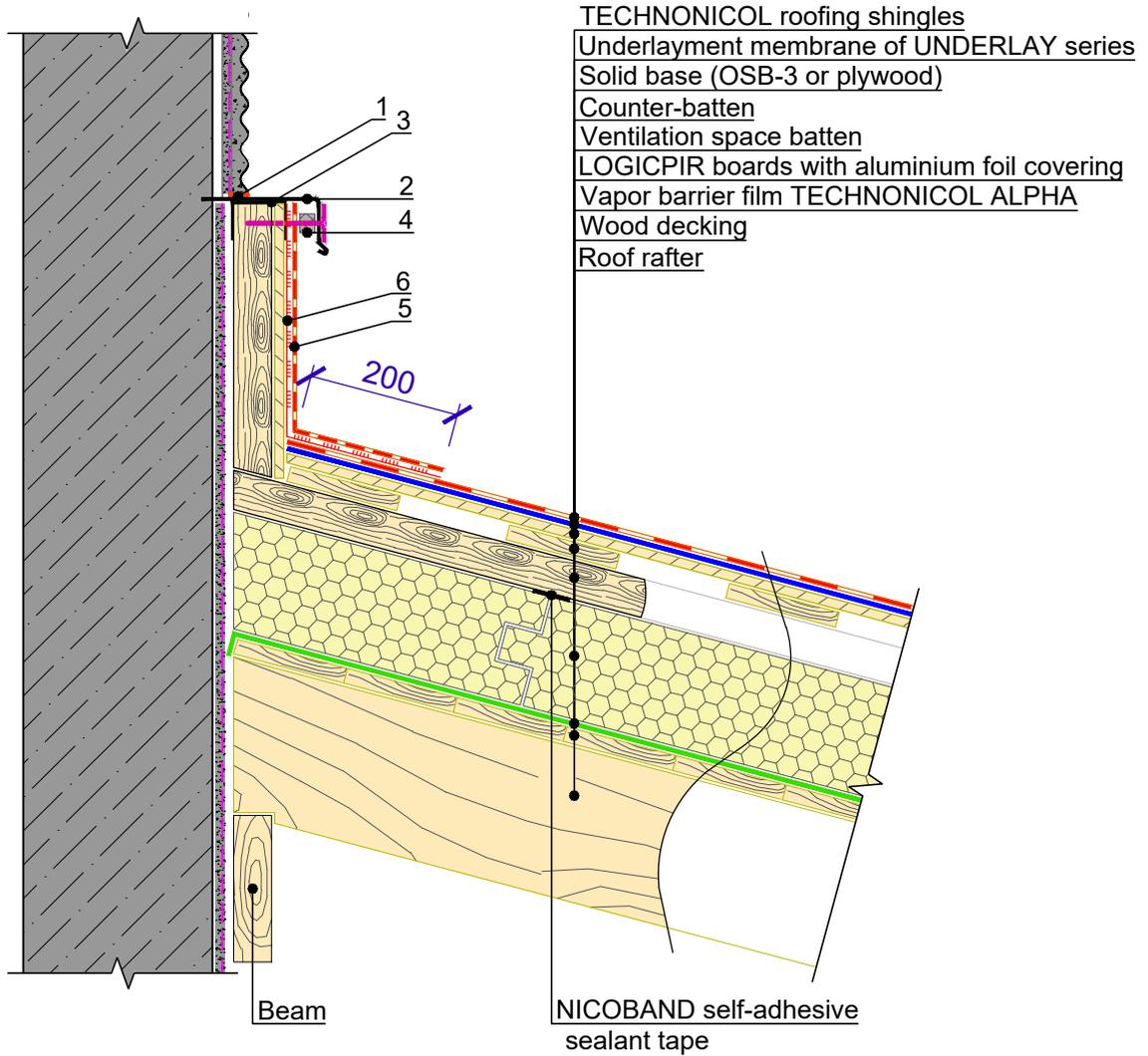
Position	Name	Consumption per one linear meter	Unit	Note
1	Polyurethane sealant	0.15	kg	
2	Metal flashing	0.5	pcs.	length 2 m
3	Mosquito net	upon the project	pcs.	
4	Spacer	upon the project	pcs.	
5	Valley roll material	0.5	m <sup>2</sup>	
6	Mastic TECHNOMICOL FIXER	0.75	kg	

				TN_SHINGLES_MANSARD_PIR_EN		DESIGN	APPROVED
				End abutment to the wall. Junction of the facade system TN-Facade Standard.		SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED			DWG No. 4.2 - 2021.11	REV.



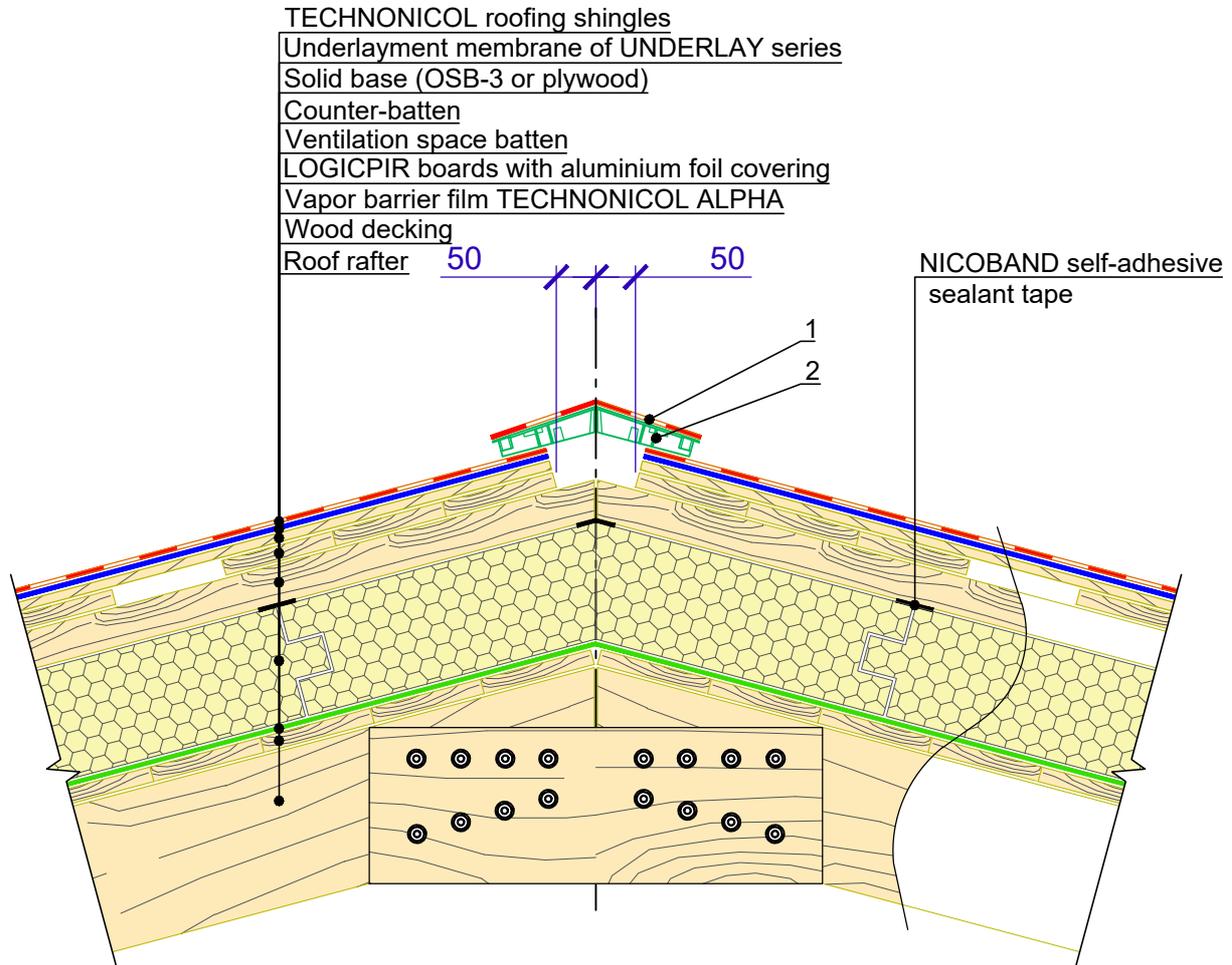
**Specification of detail DWG No. 4.3 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Polyurethane sealant	0.15	kg		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Mosquito net	upon the project	pcs.		
4	Spacer	upon the project	pcs.		
5	Plywood	0.5	m <sup>2</sup>		
6	Mastic TECHNOMICOL FIXER	0.75	kg		
7	Valley roll material	0.5	m <sup>2</sup>		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
End abutment to the wall. Junction of the roof to the log wall.				SCALE	DATE
				DWG No. 4.3 - 2021.11	REV.
REV.	DATE	DESCRIPTION	CHECKED		



**Specification of detail DWG No. 4.4 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Polyurethane sealant	0.15	kg		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Mosquito net	upon the project	pcs.		
4	Spacer	upon the project	pcs.		
5	Valley roll material	0.5	m <sup>2</sup>		
6	Mastic TECHNOMICOL FIXER	0.75	kg		
				DESIGN	APPROVED
				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	TN_SHINGLES_MANSARD_PIR_EN  End abutment to the wall. Junction of the facade system TN-Facade Decor.	
				DWG No. 4.4 - 2021.11	REV.

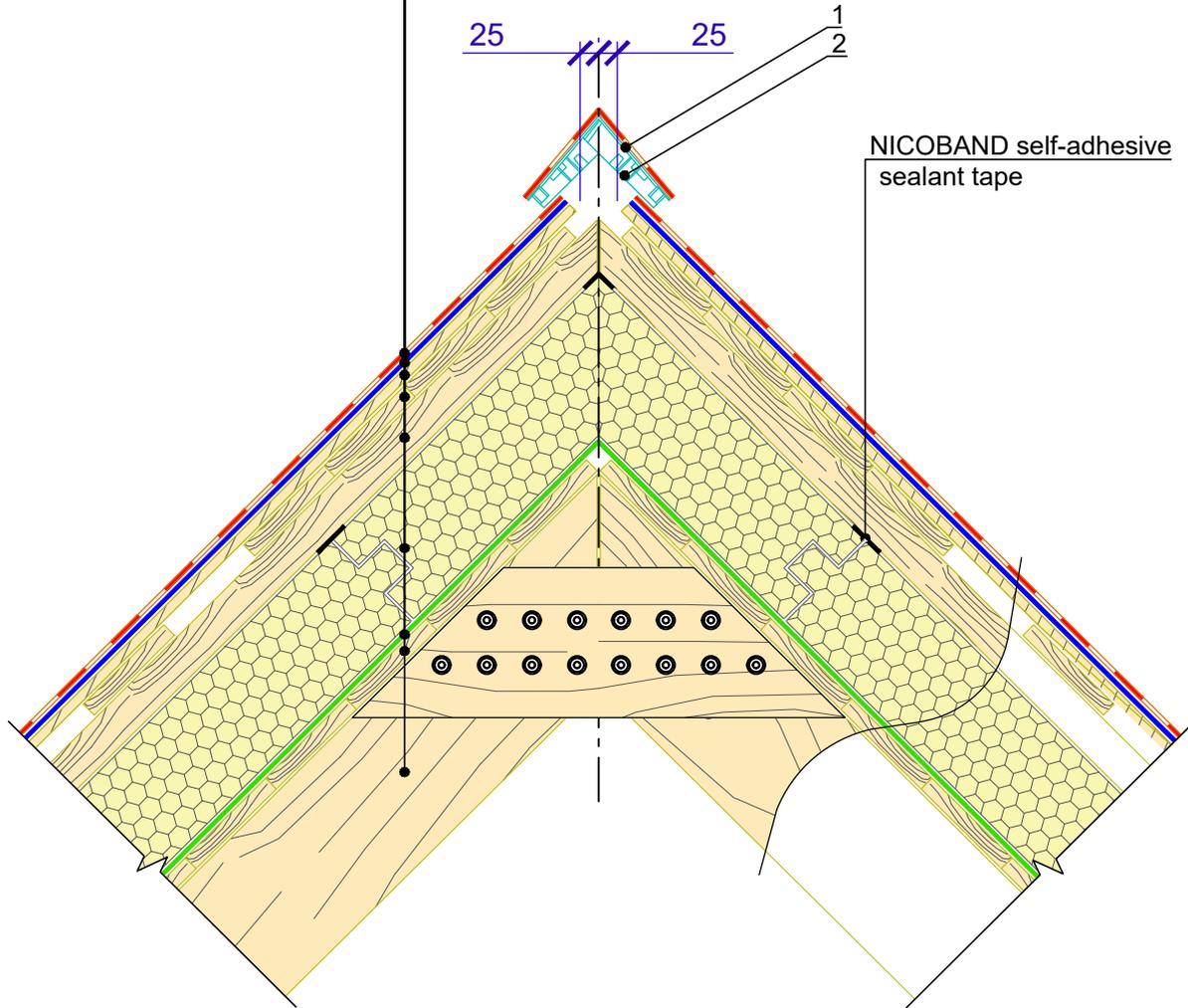


**Specification of detail DWG No. 5.1 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note
1	Hip&ridge shingles	0.25	m <sup>2</sup>	
2	Ridge vent	1.7	pcs.	length 0.61 m
		TN_SHINGLES_MANSARD_PIR_EN		DESIGN
		TECHNONICOL prefabricated ventilation ridge profile. The roof slope from 12 to 18 degrees.		APPROVED
REV.	DATE	DESCRIPTION	CHECKED	SCALE
				DATE
				DWG No. 5.1 - 2021.11
				REV.



TECHNONICOL roofing shingles  
 Underlayment membrane of UNDERLAY series  
 Solid base (OSB-3 or plywood)  
 Counter-batten  
 Ventilation space batten  
 LOGICPIR boards with aluminium foil covering  
 Vapor barrier film TECHNOMICOL ALPHA  
 Wood decking  
 Roof rafter

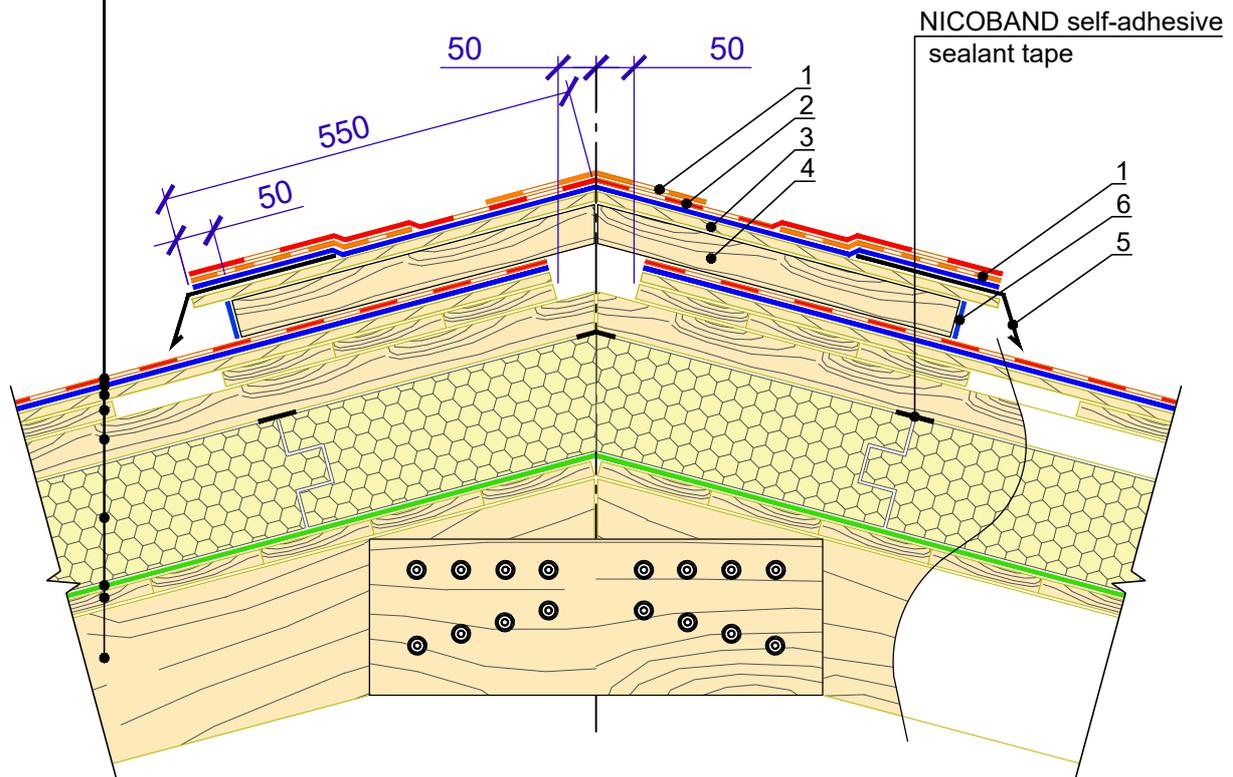


**Specification of detail DWG No. 5.2 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Hip&ridge shingles	0.25	m <sup>2</sup>		
2	Ridge vent	1.7	pcs.	length 0.61 m	
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
TECHNONICOL prefabricated ventilation ridge profile. The roof slope more than 18 degrees.				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	DWG No. 5.2 - 2021.11	REV.



TECHNONICOL roofing shingles  
Underlayment membrane of UNDERLAY series  
Solid base (OSB-3 or plywood)  
Counter-batten  
Ventilation space batten  
LOGICPIR boards with aluminium foil covering  
Vapor barrier film TECHNOMICOL ALPHA  
Wood decking  
Roof rafter



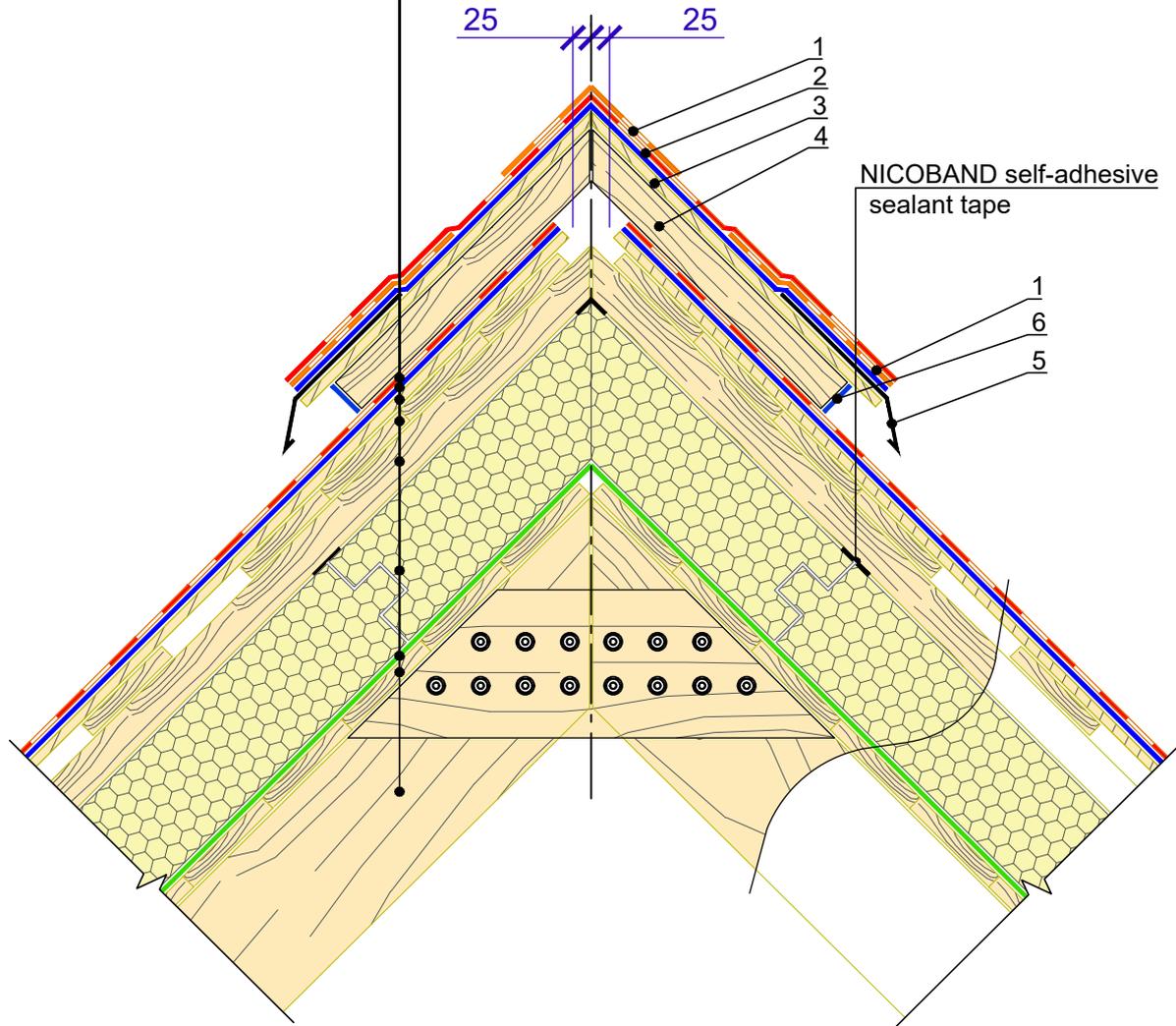
**Specification of detail DWG No. 5.3 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note	
1	Hip&ridge shingles	0.25	m <sup>2</sup>		
2	TECHNONICOL roofing shingles	upon the project	pcs.		
3	Solid base (OSB-3 or plywood)	1.1	m <sup>2</sup>		
4	Beam 50x50	upon the project	pcs.	length 0.5 m	
5	Drip trim	0.5	pcs.	length 2 m	
6	Mosquito net	0.2	pcs.	length 5 m	
			DESIGN	APPROVED	
			SCALE	DATE	
REV.	DATE	DESCRIPTION	CHECKED	DWG No. 5.3 - 2021.11	REV.

Ventilation ridge. The roof slope from 12 to 18 degrees.



TECHNONICOL roofing shingles  
Underlayment membrane of UNDERLAY series  
Solid base (OSB-3 or plywood)  
Counter-batten  
Ventilation space batten  
LOGICPIR boards with aluminium foil covering  
Vapor barrier film TECHNOMICOL ALPHA  
Wood decking  
Roof rafter



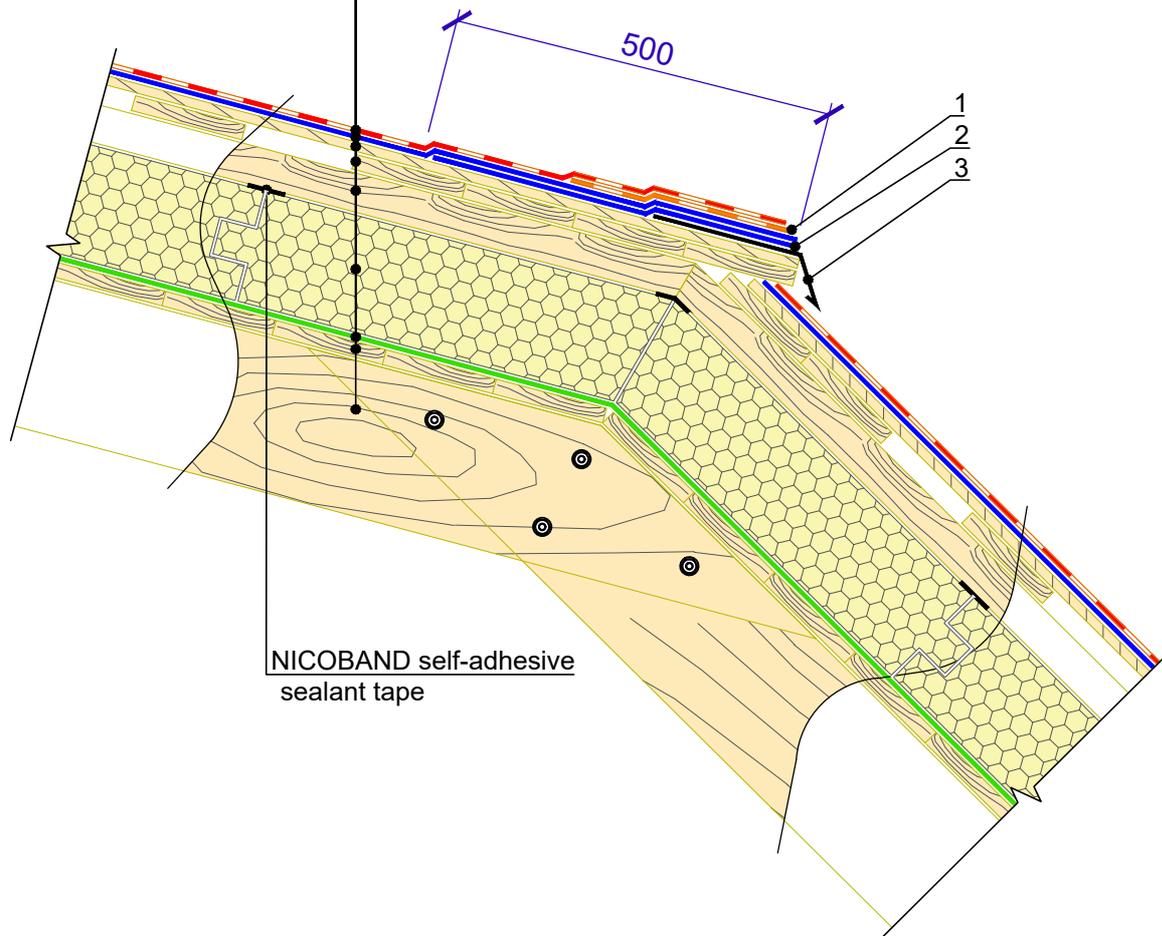
**Specification of detail DWG No. 5.4 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note
1	Hip&ridge shingles	0.25	m <sup>2</sup>	
2	TECHNONICOL roofing shingles	upon the project	pcs.	
3	Solid base (OSB-3 or plywood)	1.1	m <sup>2</sup>	
4	Beam 50x50	upon the project	pcs.	length 0.5 m
5	Drip trim	0.5	pcs.	length 2 m
6	Mosquito net	0.2	pcs.	length 5 m
			DESIGN	APPROVED
			SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	
				DWG No. 5.4 - 2021.11
				REV.

Ventilation ridge. The roof slope more than 18 degrees.



- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNONICOL ALPHA
- Wood decking
- Roof rafter

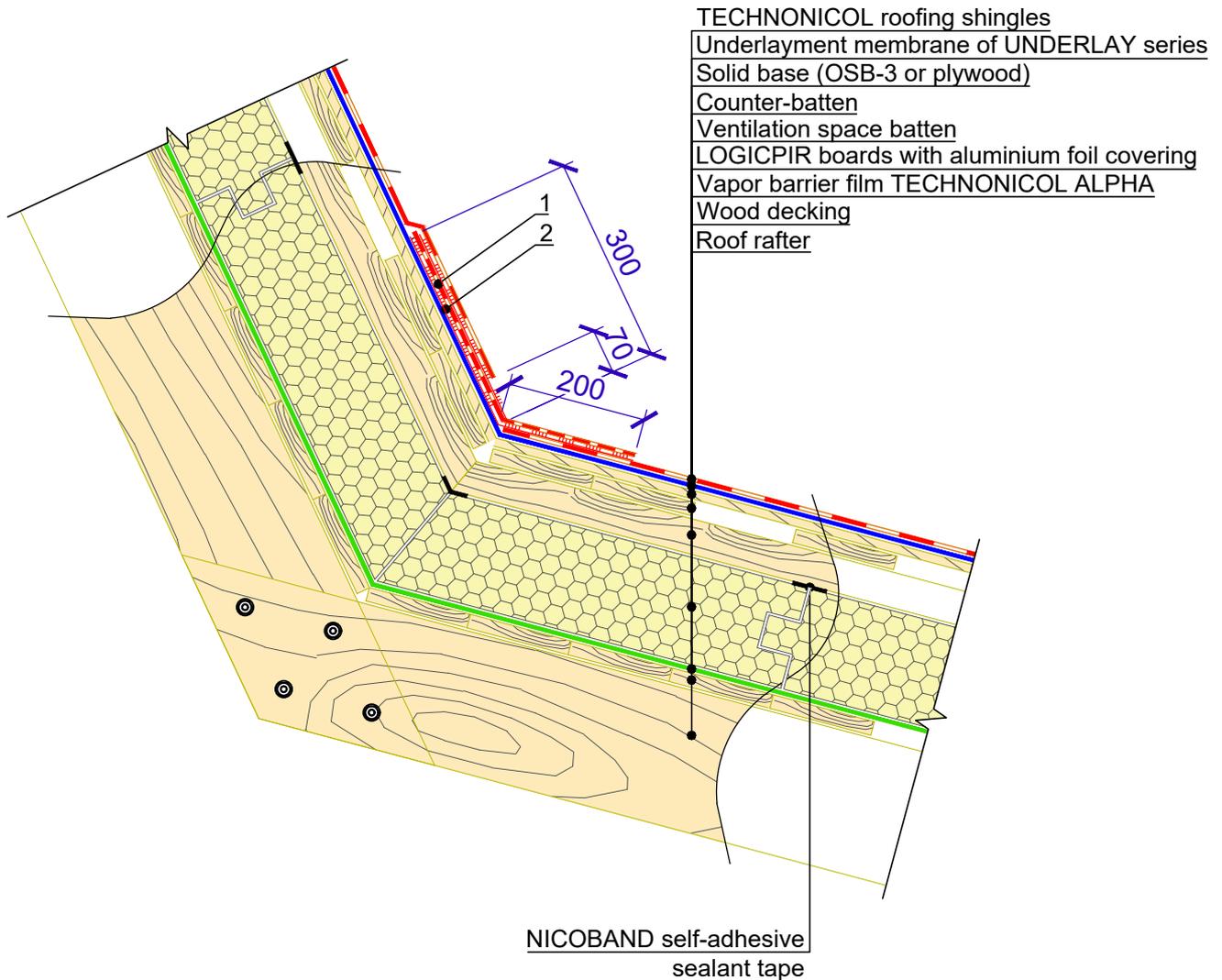


NICOBAND self-adhesive sealant tape

**Specification of detail DWG No. 6.1 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note
1	Hip&ridge shingles	0.25	m <sup>2</sup>	
2	Underlayment membrane of UNDERLAY series	1	m <sup>2</sup>	
3	Drip trim	0.5	pcs.	length 2 m

				TN_SHINGLES_MANSARD_PIR_EN	DESIGN	APPROVED
				External roof bend	SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED		DWG No. 6.1 - 2021.11	REV.



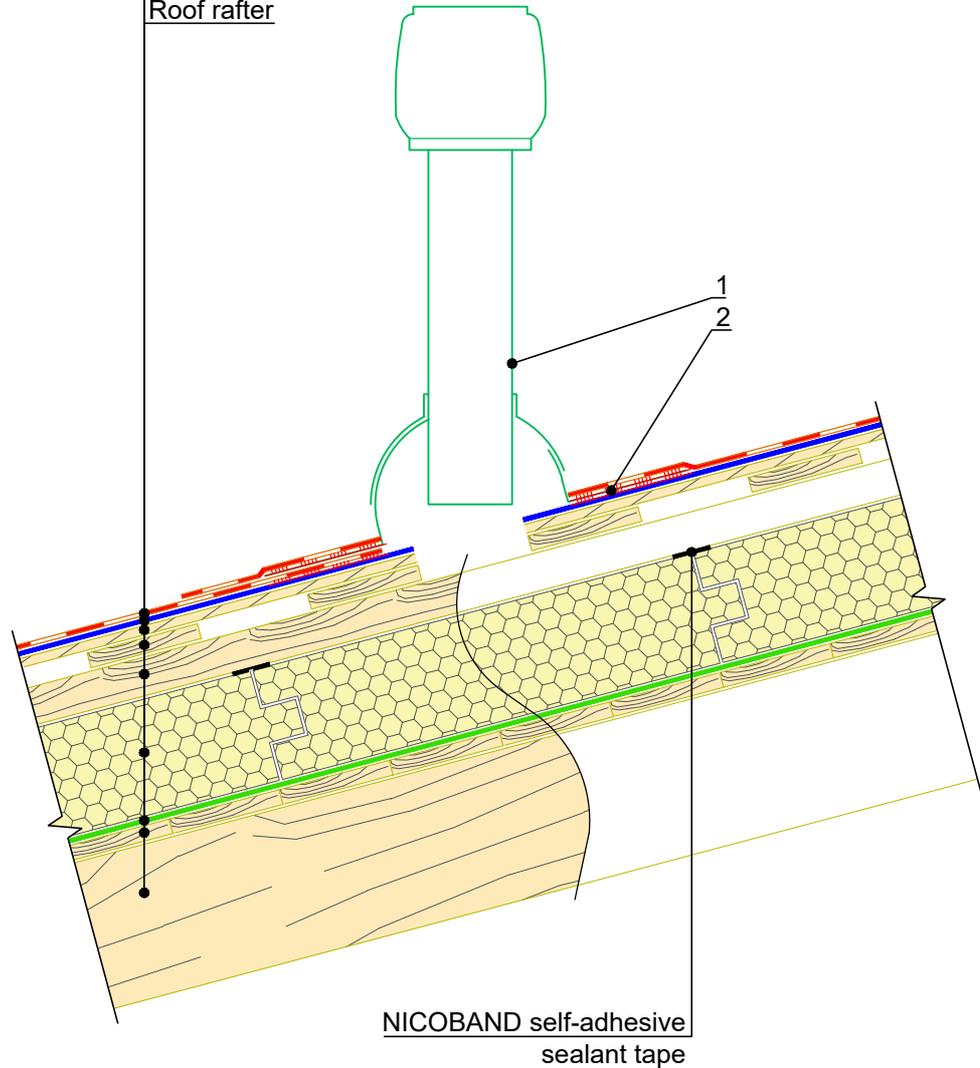
**Specification of detail DWG No. 6.2 - 2021.11**

Position	Name	Consumption per one linear meter	Unit	Note
1	Valley roll material	0.5	m <sup>2</sup>	
2	Mastic TECHNOMICOL FIXER	0.75	kg	

				TN_SHINGLES_MANSARD_PIR_EN	DESIGN	APPROVED
				Internal roof bend	SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED		DWG No. 6.2 - 2021.11	REV.



TECHNONICOL roofing shingles  
Underlayment membrane of UNDERLAY series  
Solid base (OSB-3 or plywood)  
Counter-batten  
Ventilation space batten  
LOGICPIR boards with aluminium foil covering  
Vapor barrier film TECHNONICOL ALPHA  
Wood decking  
Roof rafter



NICOBAND self-adhesive sealant tape

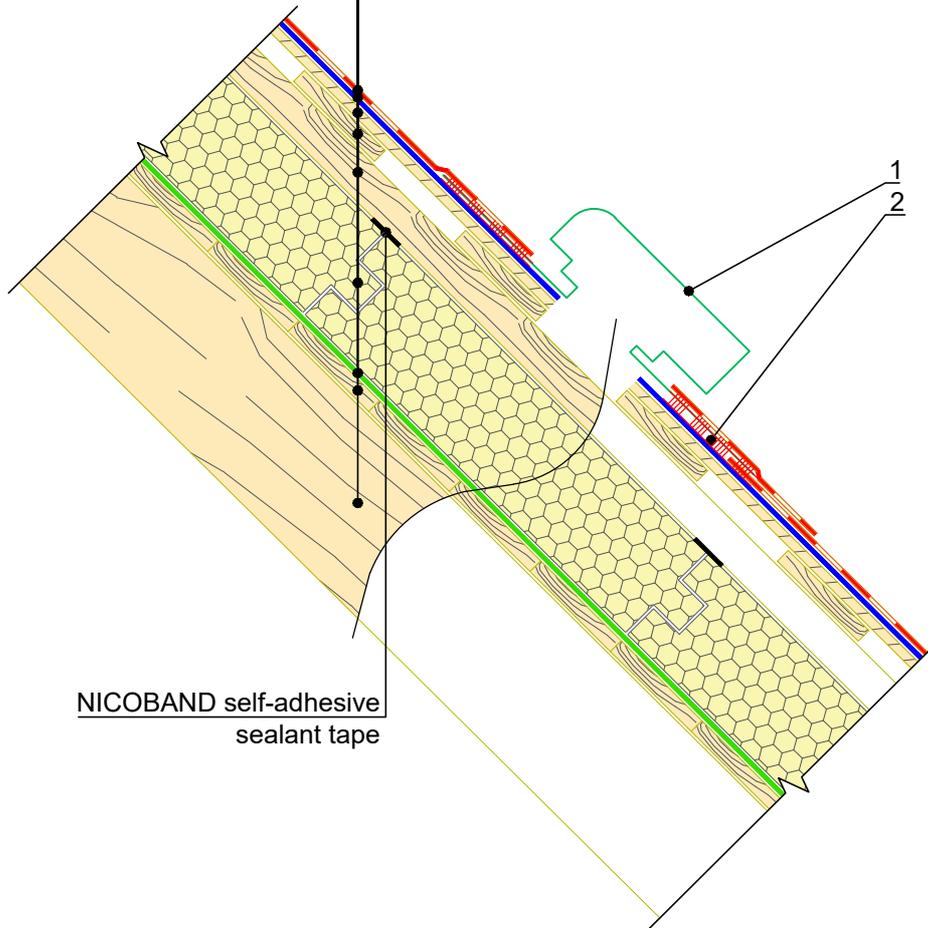
**Specification of detail DWG No. 7.1 - 2021.11**

Position	Name	Consumption	Unit	Note
1	Ventilation component PILOT	1	pcs.	
2	Mastic TECHNONICOL FIXER	0.75	kg	

				TN_SHINGLES_MANSARD_PIR_EN	DESIGN	APPROVED
					SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	TECHNONICOL PILOT roof aerator	DWG No. 7.1 - 2021.11	REV.



- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNOMICOL ALPHA
- Wood decking
- Roof rafter



NICOBAND self-adhesive  
 sealant tape

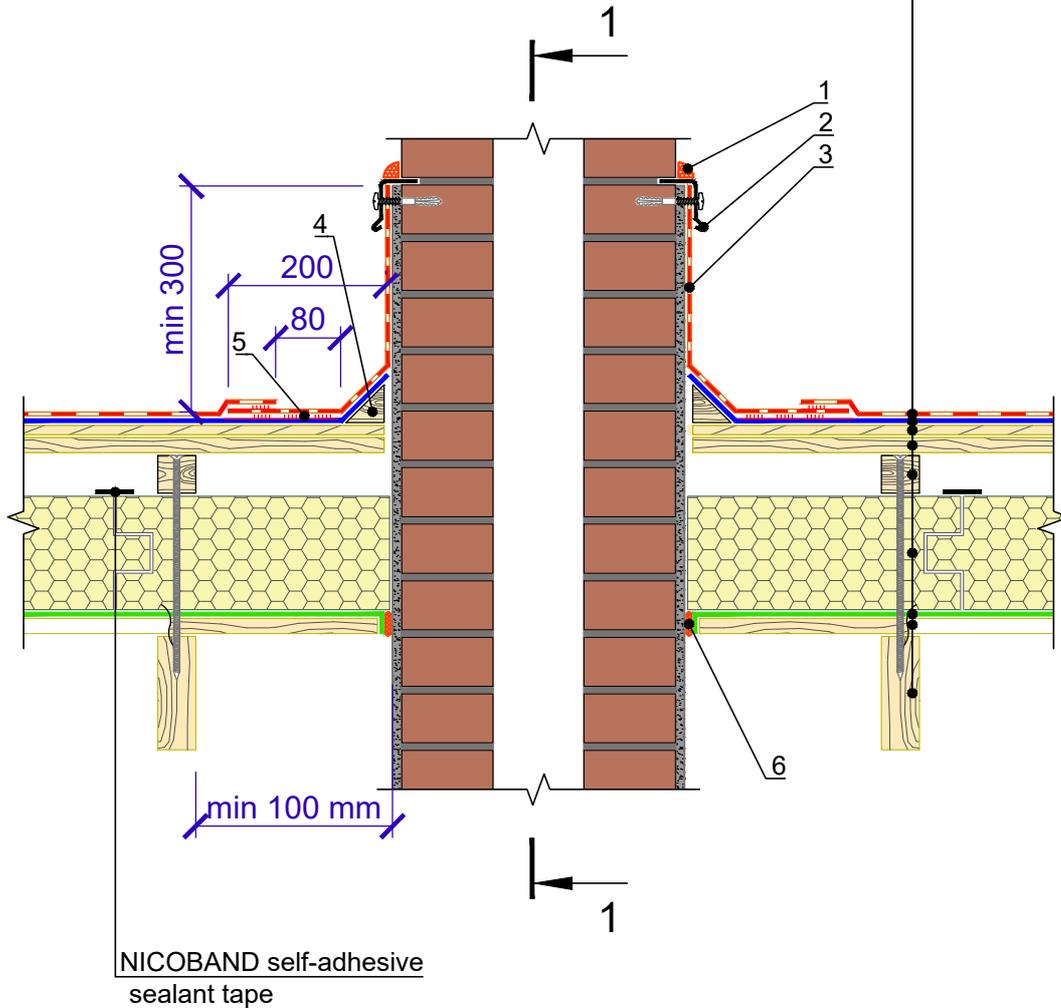
**Specification of detail DWG No. 7.2 - 2021.11**

Position	Name	Consumption	Unit	Note
1	Ventilation component KTV	1	pcs.	
2	Mastic TECHNOMICOL FIXER	0.75	kg	

				TN_SHINGLES_MANSARD_PIR_EN	DESIGN	APPROVED
				TECHNONICOL KTV roof vent	SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED		DWG No. 7.2 - 2021.11	REV.



TECHNONICOL roofing shingles  
Underlayment membrane of UNDERLAY series  
Solid base (OSB-3 or plywood)  
Counter-batten  
Ventilation space batten  
LOGICPIR boards with aluminium foil covering  
Vapor barrier film TECHNOMICOL ALPHA  
Wood decking  
Roof rafter



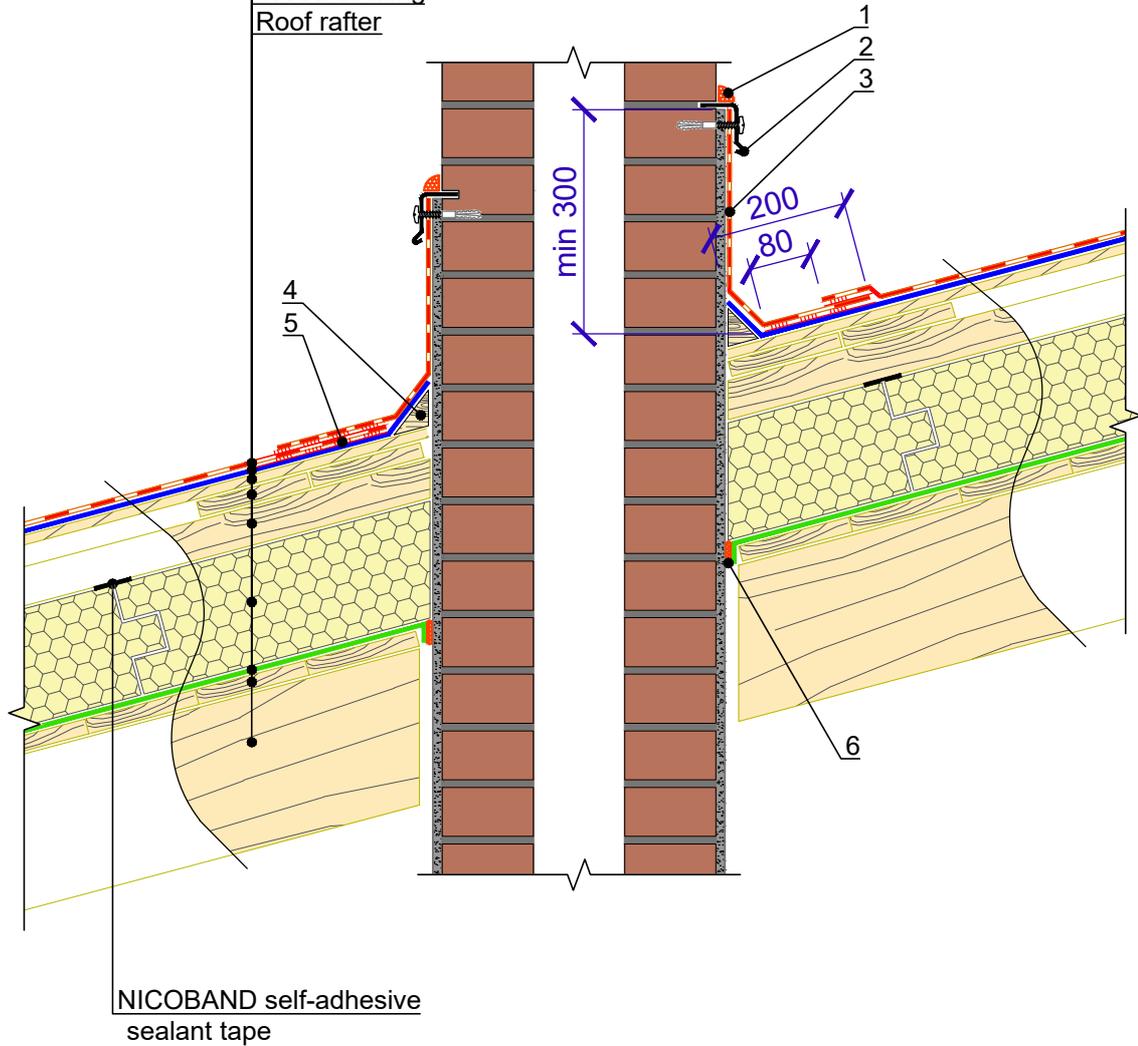
**Specification of detail DWG No. 8.1 - 2021.11**

Position	Name	Consumption	Unit	Note	
1	Polyurethane sealant	0.15	kg		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Valley roll material	0.5	m <sup>2</sup>		
4	Wood skirting	upon the project	pcs.		
5	Mastic TECHNOMICOL FIXER	0.75	kg		
6	Adhesive tape	upon the project	m		
				DESIGN	APPROVED
				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	Junction to the chimney. The roof slope from 12 to 18 degrees	
				DWG No. 8.1 - 2021.11	REV.



1 - 1

- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNONICOL ALPHA
- Wood decking
- Roof rafter



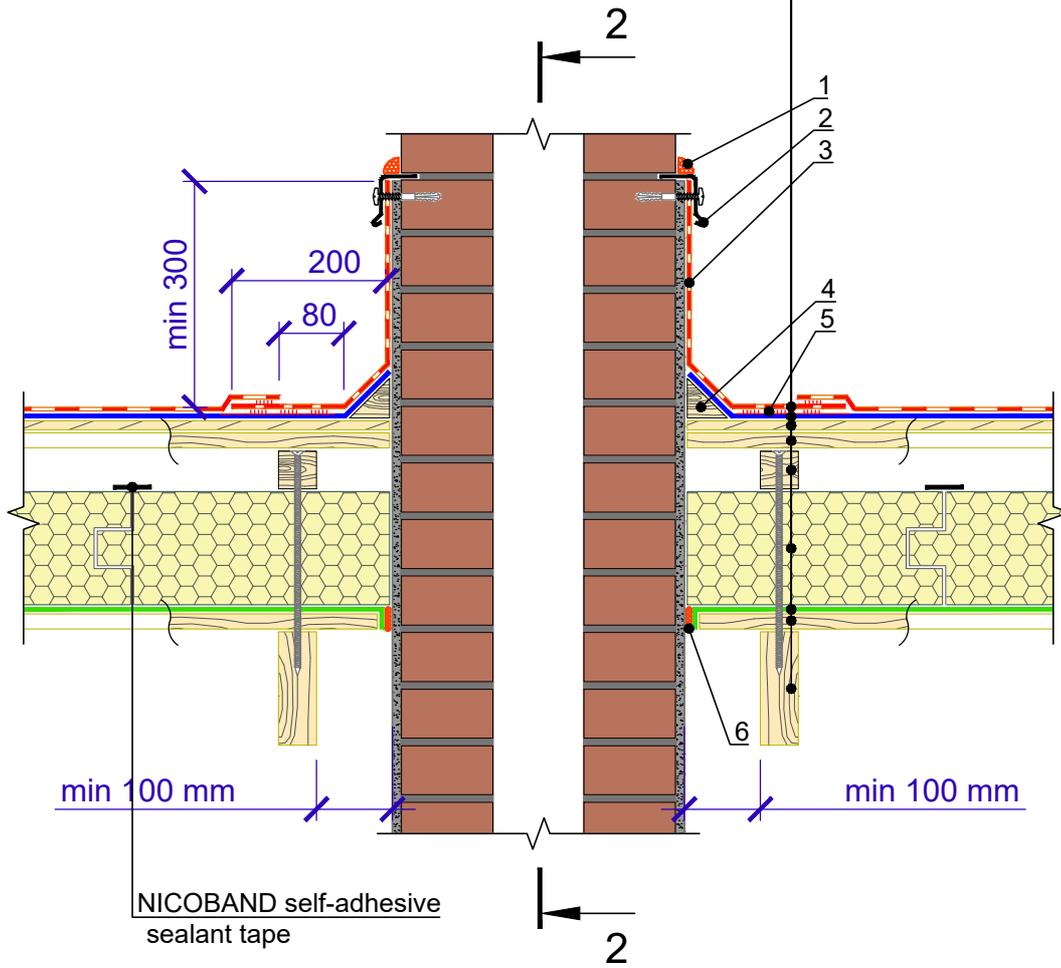
NICOBAND self-adhesive sealant tape

**Specification of detail DWG No. 8.2 - 2021.11**

Position	Name	Consumption	Unit	Note	
1	Polyurethane sealant	0.15	kg		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Valley roll material	0.5	m <sup>2</sup>		
4	Wood skirting	upon the project	pcs.		
5	Mastic TECHNONICOL FIXER	0.75	kg		
6	Adhesive tape	upon the project	m		
				DESIGN	APPROVED
				SCALE	DATE
				DWG No. 8.2 - 2021.11	REV.
REV.	DATE	DESCRIPTION	CHECKED	Junction to the chimney. The roof slope from 12 to 18 degrees. Section 1-1	



TECHNONICOL roofing shingles  
 Underlayment membrane of UNDERLAY series  
 Solid base (OSB-3 or plywood)  
 Counter-batten  
 Ventilation space batten  
 LOGICPIR boards with aluminium foil covering  
 Vapor barrier film TECHNONICOL ALPHA  
 Wood decking  
 Roof rafter



**Specification of detail DWG No. 8.3 - 2021.11**

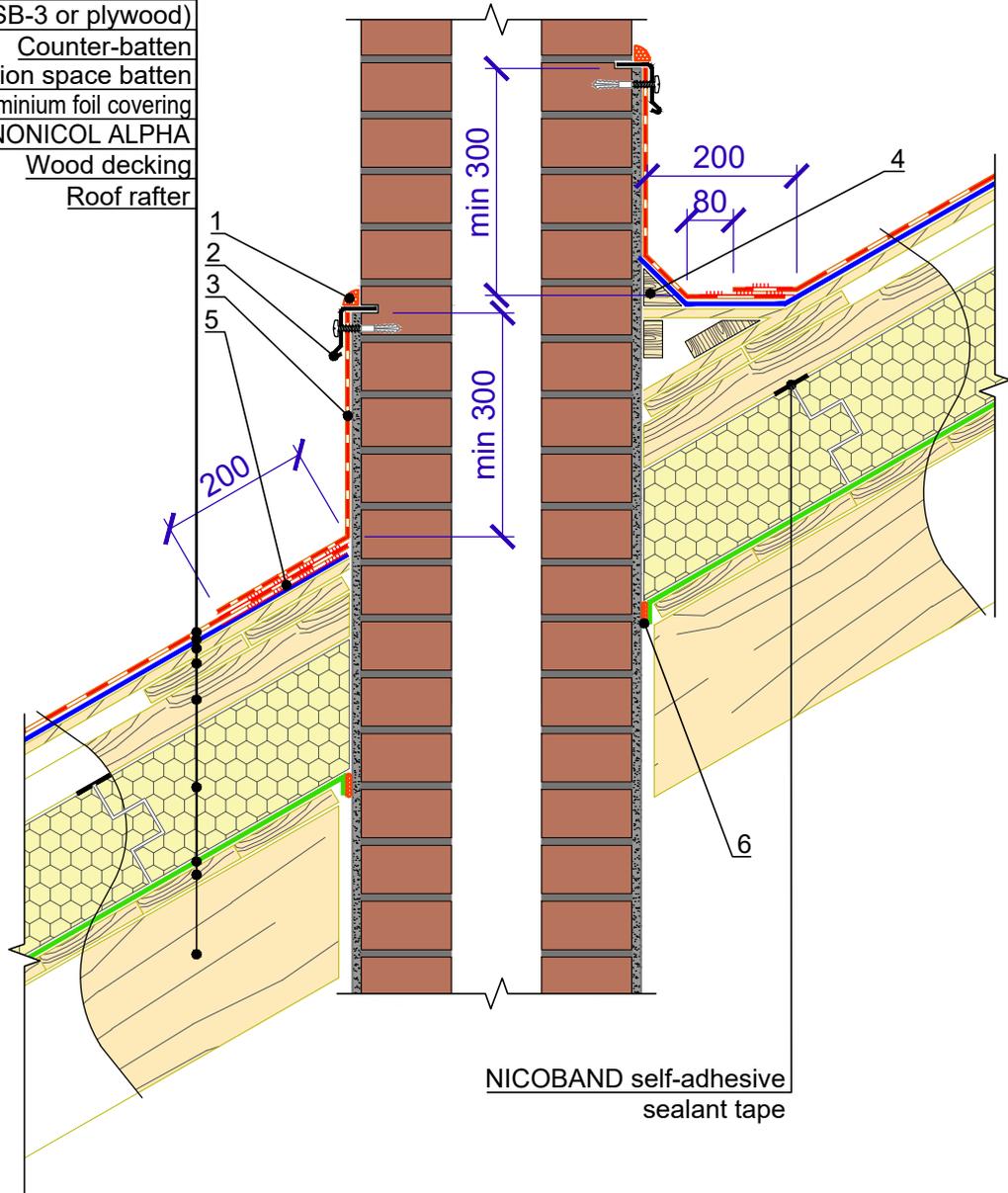
Position	Name	Consumption	Unit	Note
1	Polyurethane sealant	0.15	kg	
2	Metal flashing	0.5	pcs.	length 2 m
3	Valley roll material	0.5	m <sup>2</sup>	
4	Wood skirting	upon the project	pcs.	
5	Mastic TECHNONICOL FIXER	0.75	kg	
6	Adhesive tape	upon the project	m	

				TN_SHINGLES_MANSARD_PIR_EN		DESIGN	APPROVED
				Junction to the chimney. The roof slope more than 18 degrees		SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED			DWG No. 8.3 - 2021.11	REV.



2 - 2

- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNONICOL ALPHA
- Wood decking
- Roof rafter



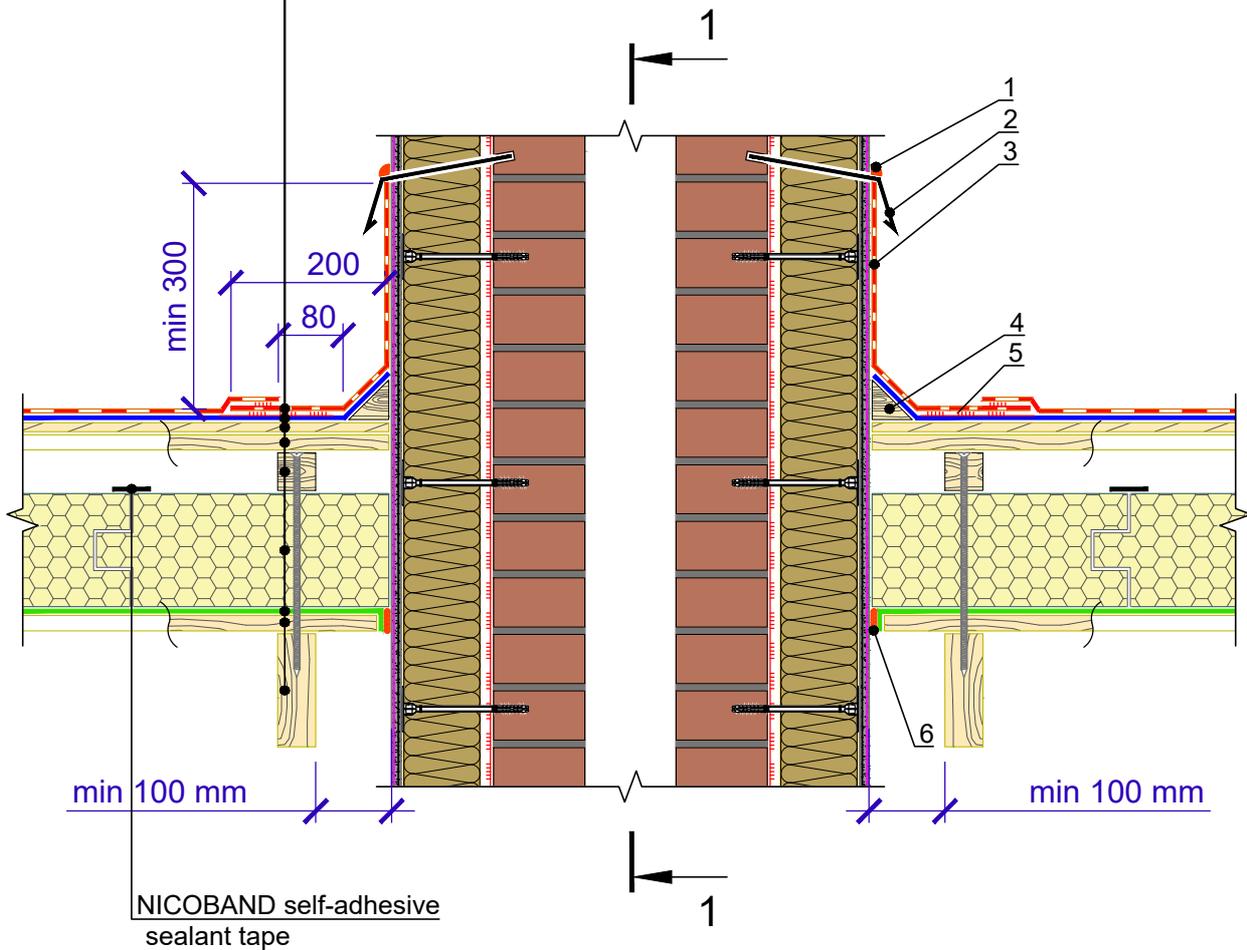
**Specification of detail DWG No. 8.4 - 2021.11**

Position	Name	Consumption	Unit	Note
1	Polyurethane sealant	0.15	kg	
2	Metal flashing	0.5	pcs.	length 2 m
3	Valley roll material	0.5	m <sup>2</sup>	
4	Wood skirting	upon the project	pcs.	
5	Mastic TECHNONICOL FIXER	0.75	kg	
6	Adhesive tape	upon the project	m	

				TN_SHINGLES_MANSARD_PIR_EN		DESIGN	APPROVED
				Junction to the chimney. The roof slope more than 18 degrees. Section 2-2		SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED			DWG No. 8.4 - 2021.11	REV.



TECHNONICOL roofing shingles  
 Underlayment membrane of UNDERLAY series  
 Solid base (OSB-3 or plywood)  
 Counter-batten  
 Ventilation space batten  
 LOGICPIR boards with aluminium foil covering  
 Vapor barrier film TECHNOMICOL ALPHA  
 Wood decking  
 Roof rafter

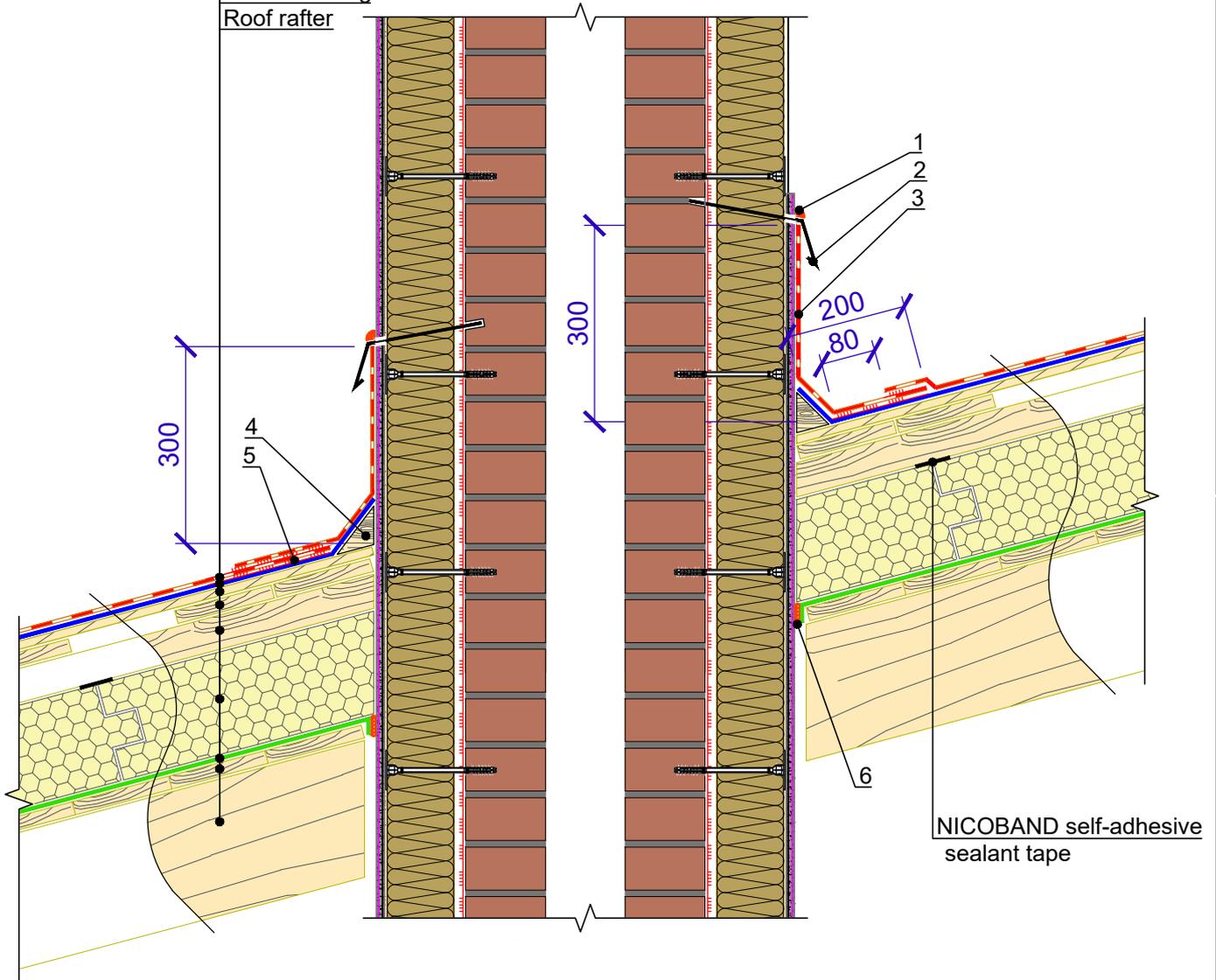


**Specification of detail DWG No. 8.5 - 2021.11**

Position	Name	Consumption	Unit	Note	
1	Polyurethane sealant	0.15	kg		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Valley roll material	0.5	m <sup>2</sup>		
4	Wood skirting	upon the project	pcs.		
5	Mastic TECHNOMICOL FIXER	0.75	kg		
6	Adhesive tape	upon the project	m		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
Junction to the insulated chimney. The roof slope from 12 to 18 degrees				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	DWG No. 8.5 - 2021.11	REV.



TECHNONICOL roofing shingles 1 - 1  
 Underlayment membrane of UNDERLAY series  
 Solid base (OSB-3 or plywood)  
 Counter-batten  
 Ventilation space batten  
 LOGICPIR boards with aluminium foil covering  
 Vapor barrier film TECHNOMICOL ALPHA  
 Wood decking  
 Roof rafter

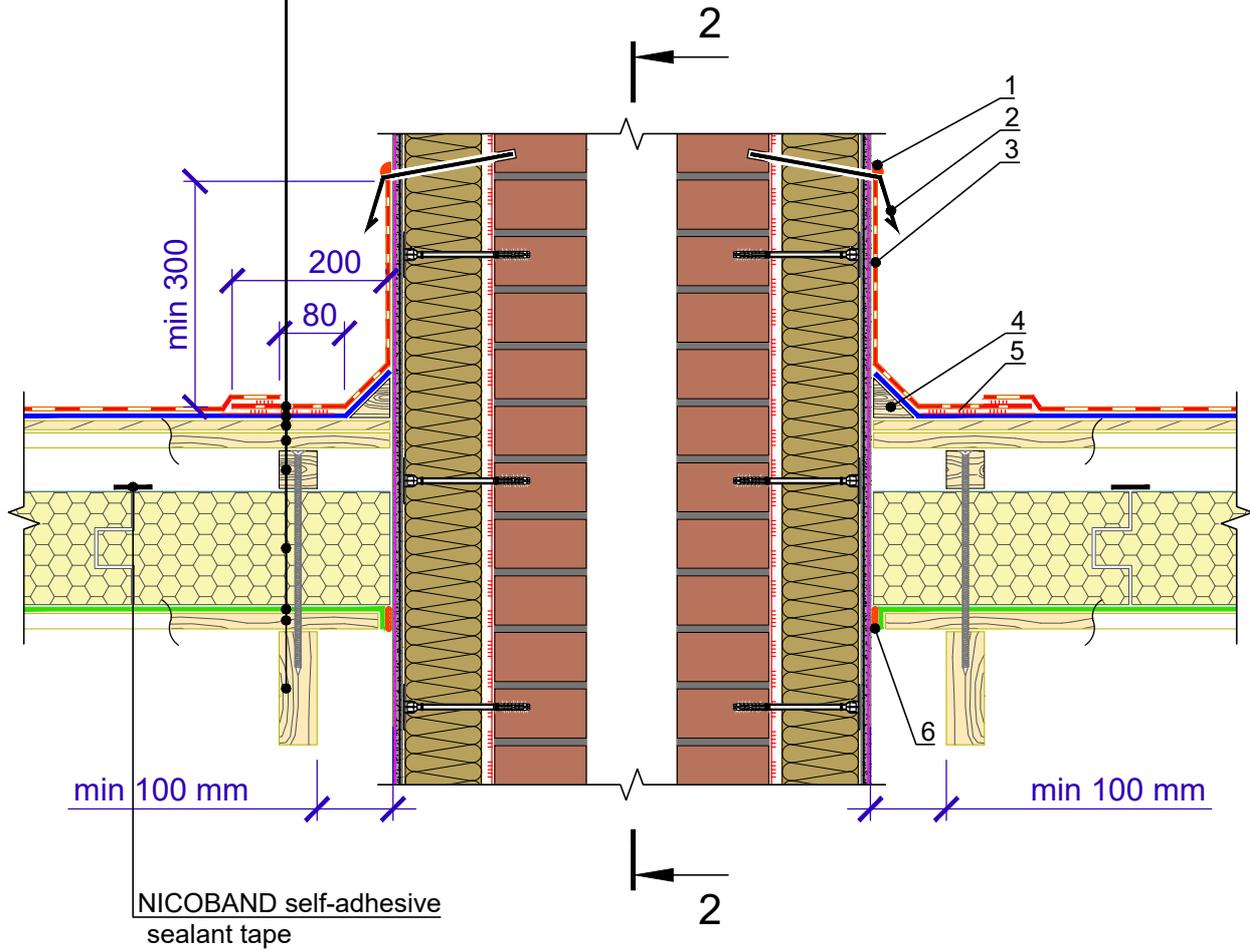


Specification of detail DWG No. 8.6 - 2021.11

Position	Name	Consumption	Unit	Note	
1	Polyurethane sealant	0.15	kg		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Valley roll material	0.5	m <sup>2</sup>		
4	Wood skirting	upon the project	pcs.		
5	Mastic TECHNOMICOL FIXER	0.75	kg		
6	Adhesive tape	upon the project	m		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
Junction to the insulated chimney. The roof slope from 12 to 18 degrees. Section 1-1				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	DWG No. 8.6 - 2021.11	REV.



- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNOMICOL ALPHA
- Wood decking
- Roof rafter



**Specification of detail DWG No. 8.7 - 2021.11**

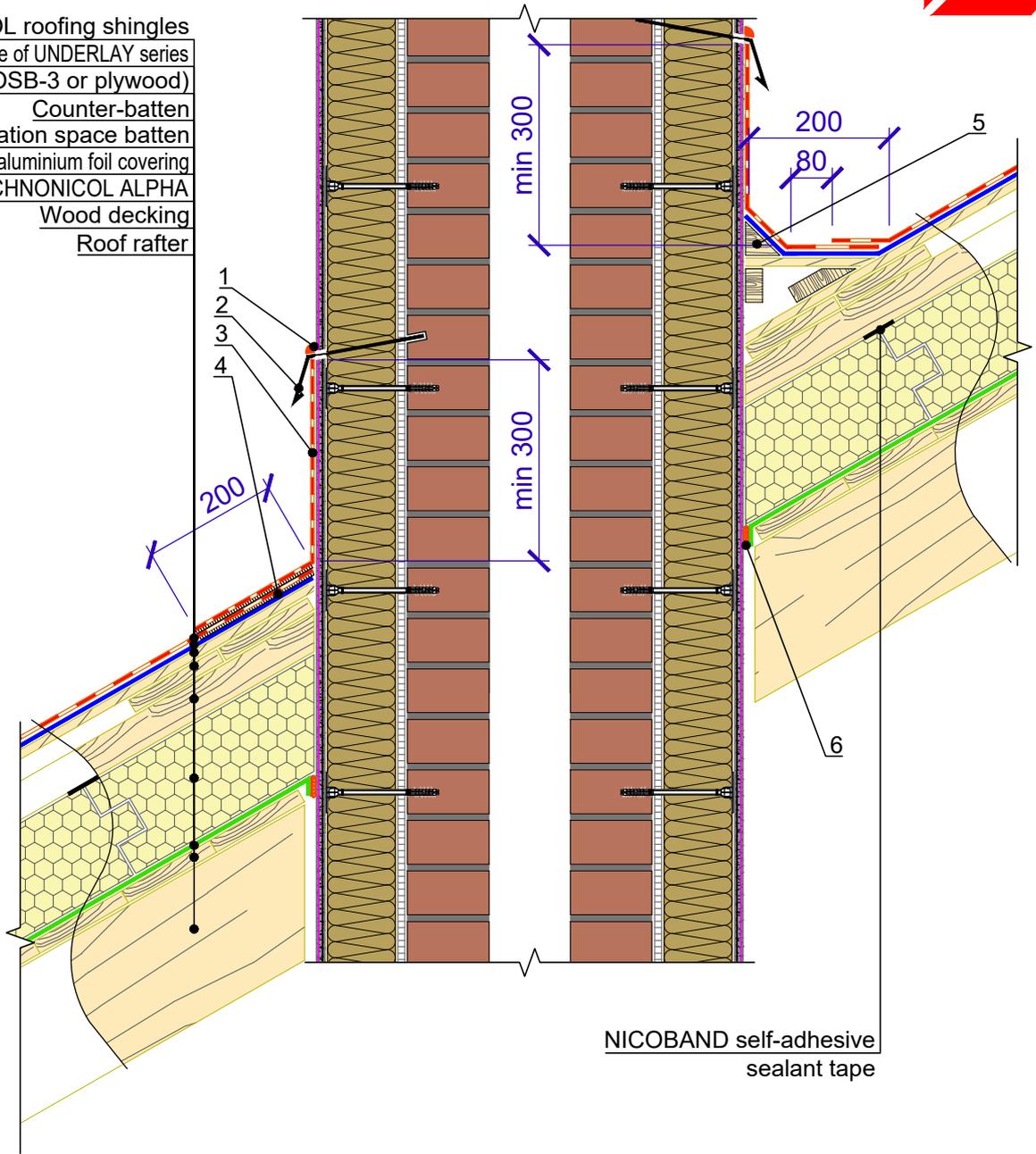
Position	Name	Consumption	Unit	Note
1	Polyurethane sealant	0.15	kg	
2	Metal flashing	0.5	pcs.	length 2 m
3	Valley roll material	0.5	m <sup>2</sup>	
4	Wood skirting	upon the project	pcs.	
5	Mastic TECHNOMICOL FIXER	0.75	kg	
6	Adhesive tape	upon the project	m	

				TN_SHINGLES_MANSARD_PIR_EN		DESIGN	APPROVED
				Junction to the insulated chimney. The roof slope more than 18 degrees		SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED			DWG No. 8.7 - 2021.11	REV.



2 - 2

- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNONICOL ALPHA
- Wood decking
- Roof rafter



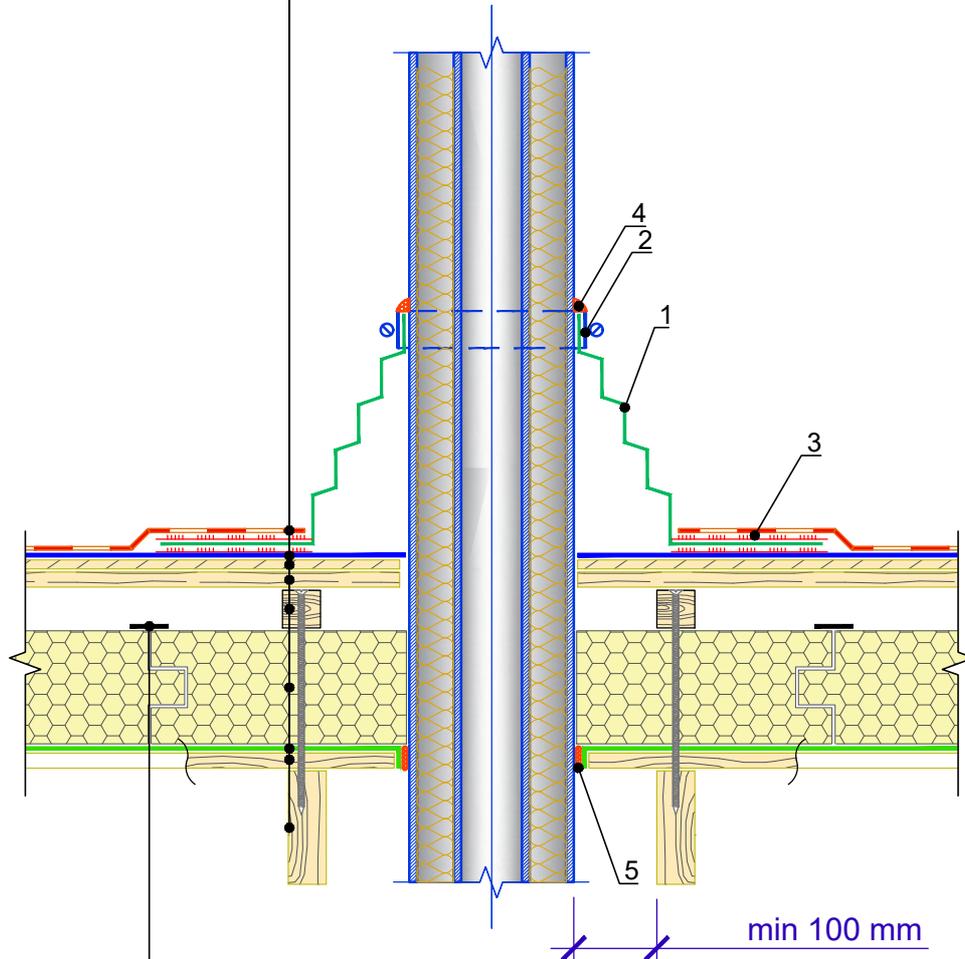
NICOBAND self-adhesive sealant tape

**Specification of detail DWG No. 8.8 - 2021.11**

Position	Name	Consumption	Unit	Note	
1	Polyurethane sealant	0.15	kg		
2	Metal flashing	0.5	pcs.	length 2 m	
3	Valley roll material	0.5	m <sup>2</sup>		
4	Wood skirting	upon the project	pcs.		
5	Mastic TECHNONICOL FIXER	0.75	kg		
6	Adhesive tape	upon the project	m		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
Junction to the insulated chimney. The roof slope more than 18 degrees. Section 2-2				SCALE	DATE
				DWG No. 8.8 - 2021.11	REV.
REV.	DATE	DESCRIPTION	CHECKED		



TECHNONICOL roofing shingles  
Underlayment membrane of UNDERLAY series  
Solid base (OSB-3 or plywood)  
Counter-batten  
Ventilation space batten  
LOGICPIR boards with aluminium foil covering  
Vapor barrier film TECHNONICOL ALPHA  
Wood decking  
Roof rafter



NICOBAND self-adhesive sealant tape

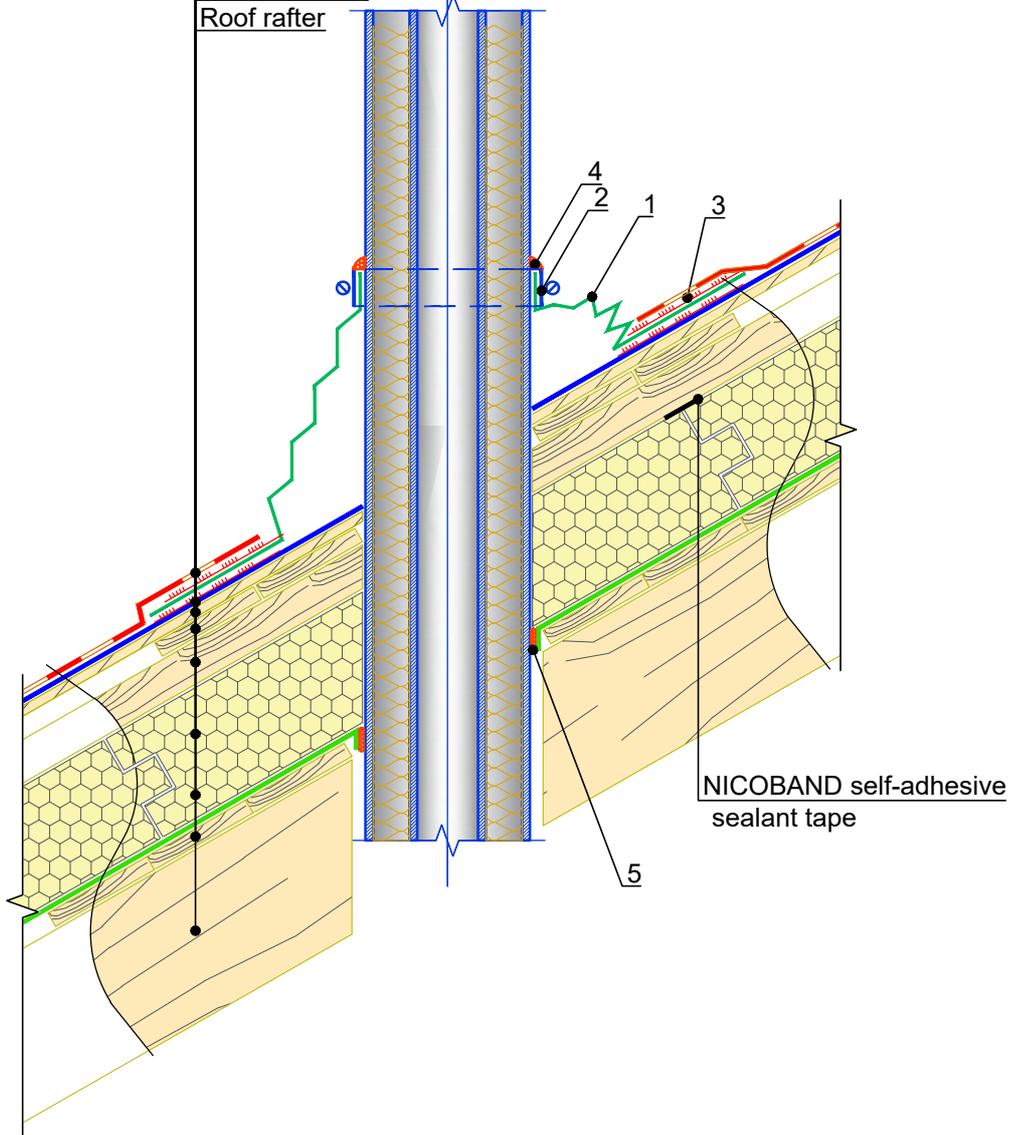
**Specification of detail DWG No. 8.9 - 2021.11**

Position	Name	Consumption	Unit	Note	
1	Rubber collar	1	pcs.		
2	Clamp	1	pcs.		
3	Mastic TECHNONICOL FIXER	0.75	kg		
4	Polyurethane sealant	0.15	kg		
5	Adhesive tape	upon the project	m		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
Junction to the pipe penetration with the use of rubber collar				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	DWG No. 8.9 - 2021.11	REV.



1 - 1

- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNOMICOL ALPHA
- Wood decking
- Roof rafter



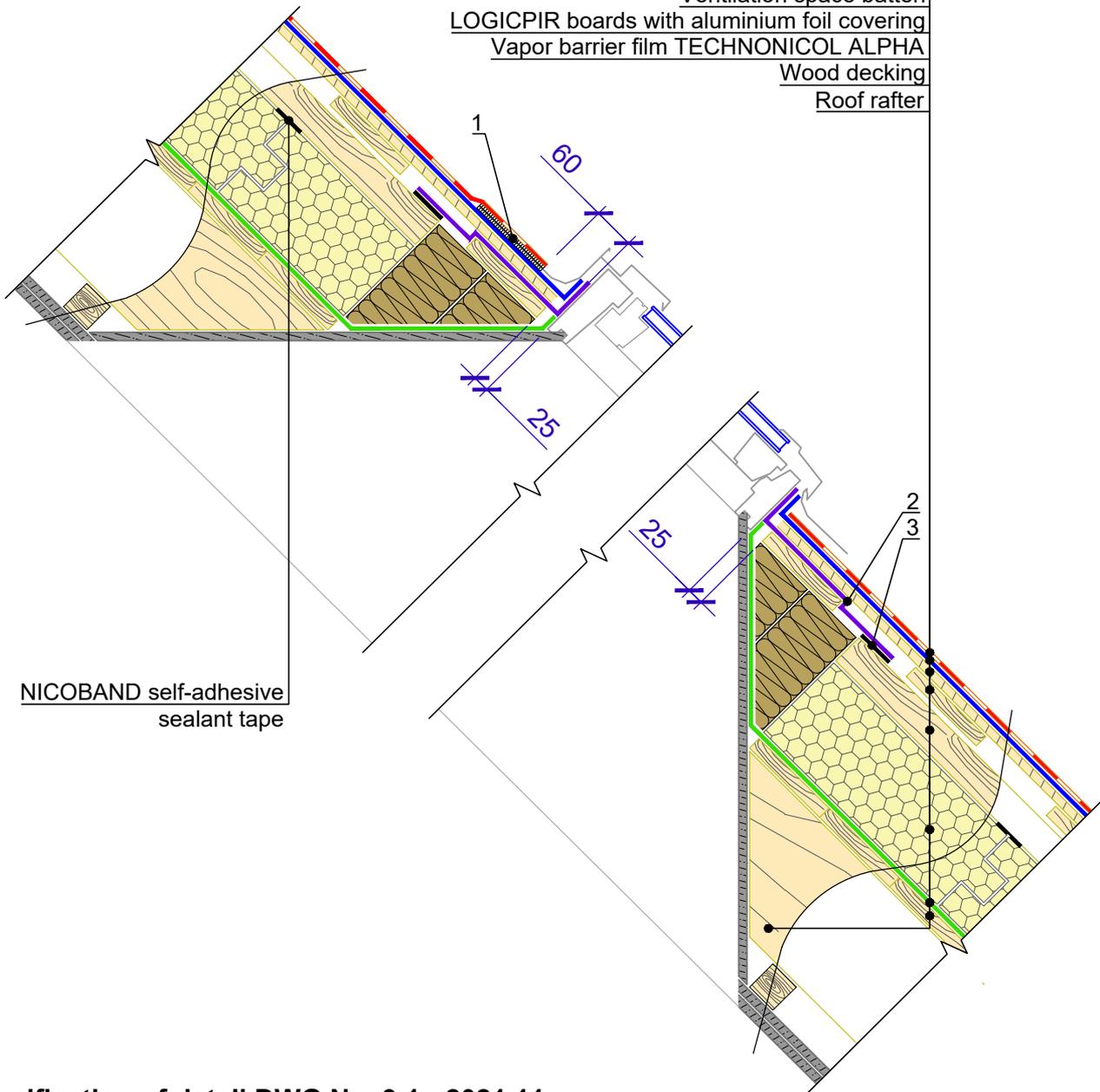
NICOBAND self-adhesive sealant tape

**Specification of detail DWG No. 8.10 - 2021.11**

Position	Name	Consumption	Unit	Note	
1	Rubber collar	1	pcs.		
2	Clamp	1	pcs.		
3	Mastic TECHNOMICOL FIXER	0.75	kg		
4	Polyurethane sealant	0.15	kg		
5	Adhesive tape	upon the project	m		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
Junction to the pipe penetration with the use of rubber collar. Section 1-1				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	DWG No. 8.10 - 2021.11	REV.



- TECHNONICOL roofing shingles
- Underlayment membrane of UNDERLAY series
- Solid base (OSB-3 or plywood)
- Counter-batten
- Ventilation space batten
- LOGICPIR boards with aluminium foil covering
- Vapor barrier film TECHNOMICOL ALPHA
- Wood decking
- Roof rafter



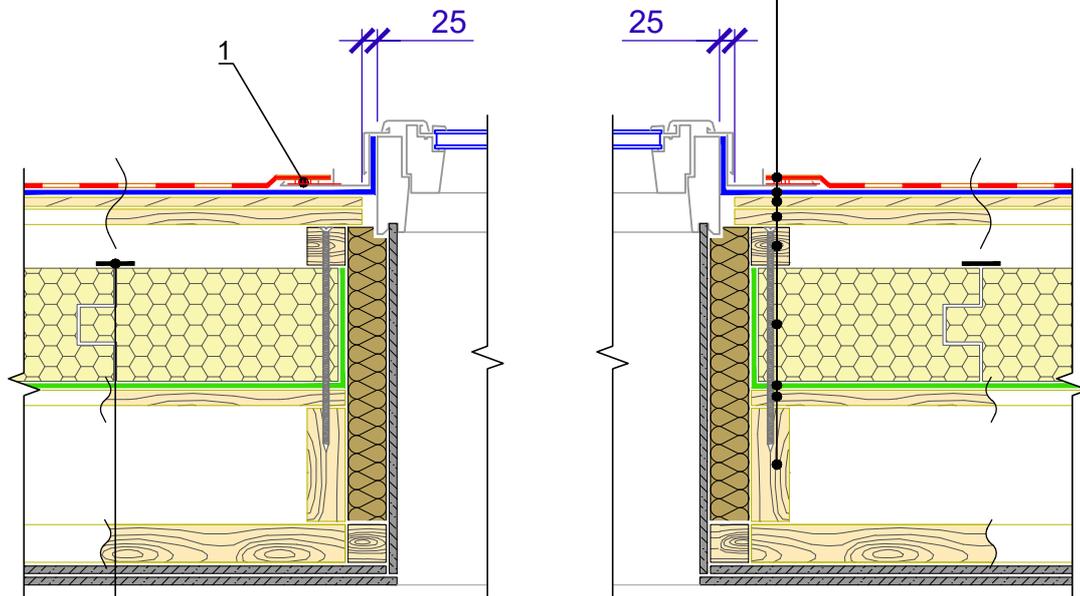
NICOBAND self-adhesive sealant tape

**Specification of detail DWG No. 9.1 - 2021.11**

Position	Name	Consumption	Unit	Note	
1	Mastic TECHNOMICOL FIXER	0.75	kg		
2	Diffusion membrane TECHNOMICOL ALPHA	upon the project	m <sup>2</sup>		
3	Adhesive tape	1	m		
TN_SHINGLES_MANSARD_PIR_EN				DESIGN	APPROVED
Junction to skylight window. Longitudinal section				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	DWG No. 9.1 - 2021.11	REV.



TECHNONICOL roofing shingles  
Underlayment membrane of UNDERLAY series  
Solid base (OSB-3 or plywood)  
Counter-batten  
Ventilation space batten  
LOGICPIR boards with aluminium foil covering  
Vapor barrier film TECHNOMICOL ALPHA  
Wood decking  
Roof rafter



NICOBAND self-adhesive sealant tape

**Specification of detail DWG No. 9.2 - 2021.11**

Position	Name	Consumption	Unit	Note
1	Mastic TECHNOMICOL FIXER	0.75	kg	
		TN_SHINGLES_MANSARD_PIR_EN		DESIGN
				APPROVED
		Junction to skylight window. Cross section		SCALE
				DATE
REV.	DATE	DESCRIPTION	CHECKED	DWG No.
				9.2 - 2021.11
				REV.