

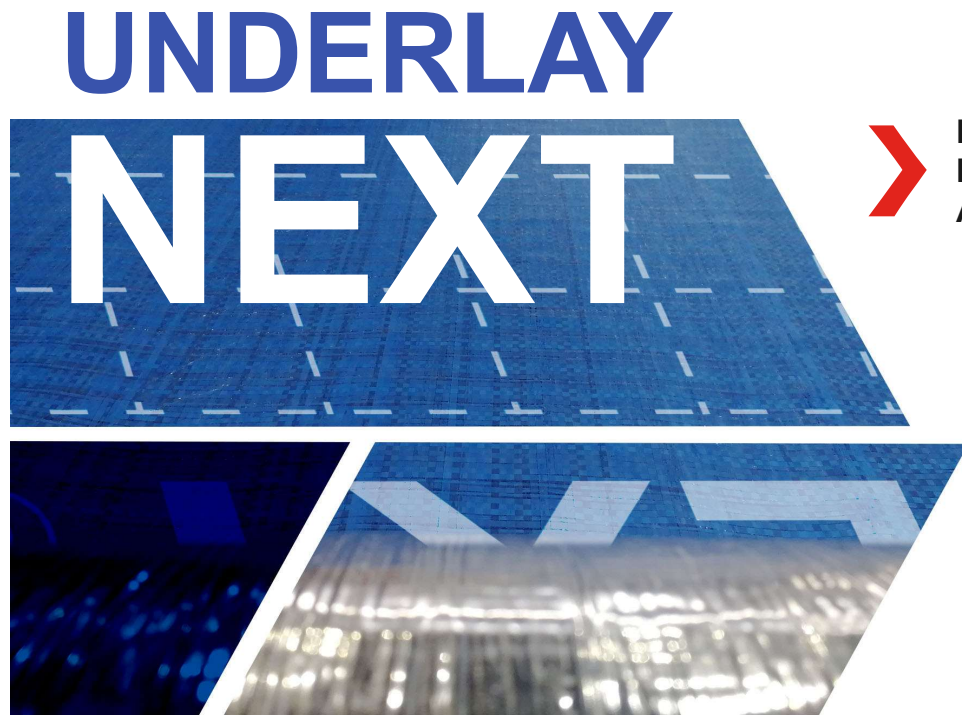


## **NEXT GENERATION OF UNDERLAYMENT – UNDERLAY NEXT**

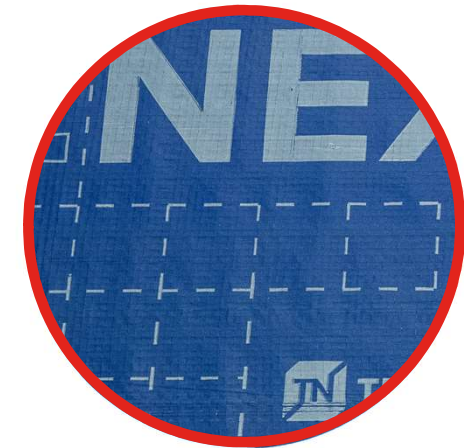
Reinforcement-less type

KNOWLEDGE. EXPERIENCE. CRAFTSMANSHIP.

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NEW TYPE OF UNDERLAYMENT  
DOES NOT HAVE  
A REINFORCING LAYER



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The role of the reinforcing layer plays  
the upper covering – **REINFORCED  
MULTILAYER POLYMER TISSUE**

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## FIVE FEATURES OF THE NEW TYPE UNDERLAYMENT

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# FIVE FEATURES OF THE NEW TYPE UNDERLAYMENT



## ECONOMY



**DUE TO THE NEW PRODUCTION TECHNOLOGY THE REINFORCEMENT-LESS SELF-ADHESIVE MATERIALS HAVE BECOME MORE ECONOMICAL**



**ECONOMY 10%**  
Compared to the underlayment available on the market.



**REINFORCEMENT-LESS**

## FIVE FEATURES OF THE NEW TYPE UNDERLAYMENT



### CONTINUOUS BITUMEN LAYER



**THE MATERIALS CONSIST TO 90% OF SBS-POLYMER MODIFIED BITUMEN**

Such composition ensure multiple important properties.



Maximal tightness  
in mechanical  
fastening areas



Self-healing of the material  
in case of a damage  
(cut, puncture)

# FIVE FEATURES OF THE NEW TYPE UNDERLAYMENT



## HIGH STRENGTH

In the composition of the material – strong multilayer polymer tissue.

It helps the material to bare tremendous tensile loads in lateral and transversal directions

For comparison

Underlayment  
**UNDERLAY PROF**

**400/400**  
N/50mm

Underlayment  
**UNDERLAY NEXT**

**500/500**  
N/50mm



High strength



## FIVE FEATURES OF THE NEW TYPE UNDERLAYMENT



### INDIVIDUAL PACKAGE



EACH ROLL IS PACKED  
IN HEAT-SHRINK FILM THAT  
PROTECTS THE MATERIAL  
FROM THE IMPACT  
OF THE ENVIRONMENT

**24**  
MONTHS

### STORAGE LIFE

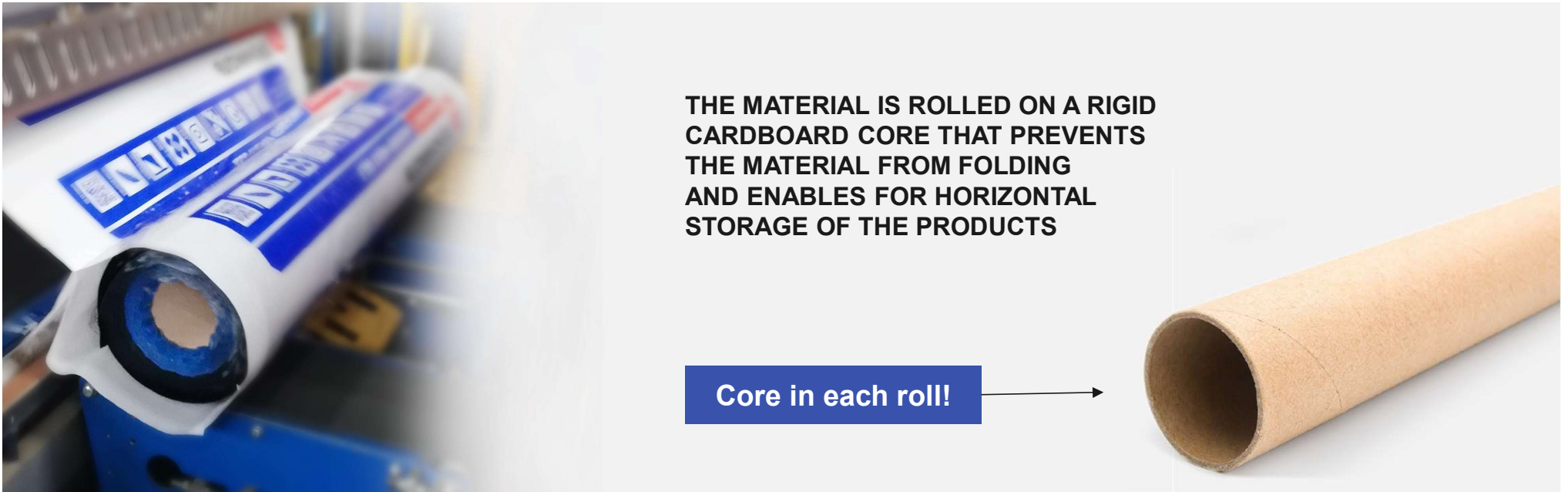
Extended storage life  
compared with the materials  
without individual package.



## FIVE FEATURES OF THE NEW TYPE UNDERLAYMENT



### HORIZONTAL STORAGE



THE MATERIAL IS ROLLED ON A RIGID  
CARDBOARD CORE THAT PREVENTS  
THE MATERIAL FROM FOLDING  
AND ENABLES FOR HORIZONTAL  
STORAGE OF THE PRODUCTS

Core in each roll!





# UNDERLAY NEXT



## MATERIALS RANGE

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## MATERIALS RANGE



➤ **UNDERLAY  
NEXT FIX**

for mechanical  
fastening

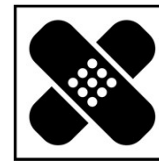


**UNDERLAY  
NEXT SELF**  
self-adhesive  
underlayment

# UNDERLAY NEXT FIX



## MECHANICALLY FASTENED REINFORCEMENT-LESS UNDERLAYMENT



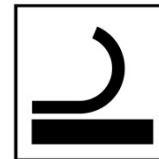
### SELF-HEALING OF BITUMEN

90% of the structure of the underlayment – SBS-modified bitumen.



### NONSLIP COATING

Nonslip upper coating of the underlayment makes them safe in operation.



### SELF-ADHESIVE STRIPE

Self-adhesive bitumen stripe helps to create a tight junction and saves mastic.

### WEIGHT

**0,7** KG/M<sup>2</sup>

### ROLL LENGTH

**30** LINEAR M



Convenient in operation and transportation.



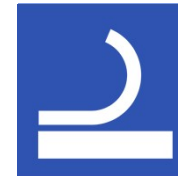
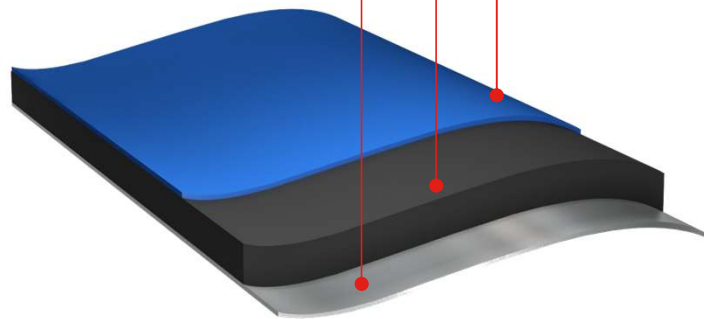
## UNDERLAY NEXT FIX



Multilayer polymer tissue

SBS-modified bitumen

Protective metallized film



SELF-ADHESIVE  
INSTALLATION  
STRIPES




Self-adhesive stripes on the reverse side of the material exclude the application of mastic for arrangement of lateral overlaps and make the installation of the underlayment faster.



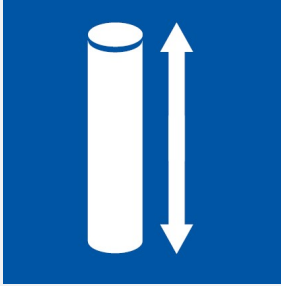
## UNDERLAY NEXT FIX



### CONVENIENT ROLL WIDTH



THE SIZE OF THE ROLL ENABLES FOR PRECISE AND QUICK CALCULATION OF THE REQUIRED AMOUNT OF THE MATERIAL FOR ROOFING WORKS.



**10%**  
MORE MATERIAL IN A ROLL

**>**

**1,0<sub>M</sub>**  
INSTALLATION INTERVAL

**<**

**1,1<sub>M</sub>**  
MATERIAL WIDTH

# UNDERLAY NEXT FIX



## TEAR RESISTANCE



The material consists of interwoven polymer threads. This multiplies the tearing strength of the material – over 500 N.

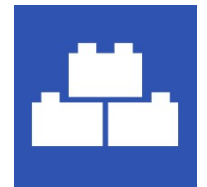
Such properties enables for reliable fastening with nails without tearing during deformations of the decking.

For comparison

Underlayment  
**UNDERLAY PROF**

**180/180 N**

## QUICK INSTALLATION

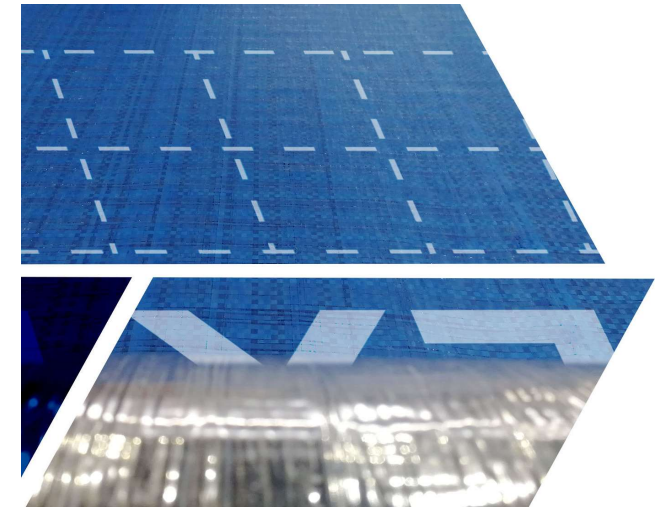


Increased strength of the upper covering allows fastening not only with roofing nails but also using a construction stapler

## UNDERLAY NEXT FIX

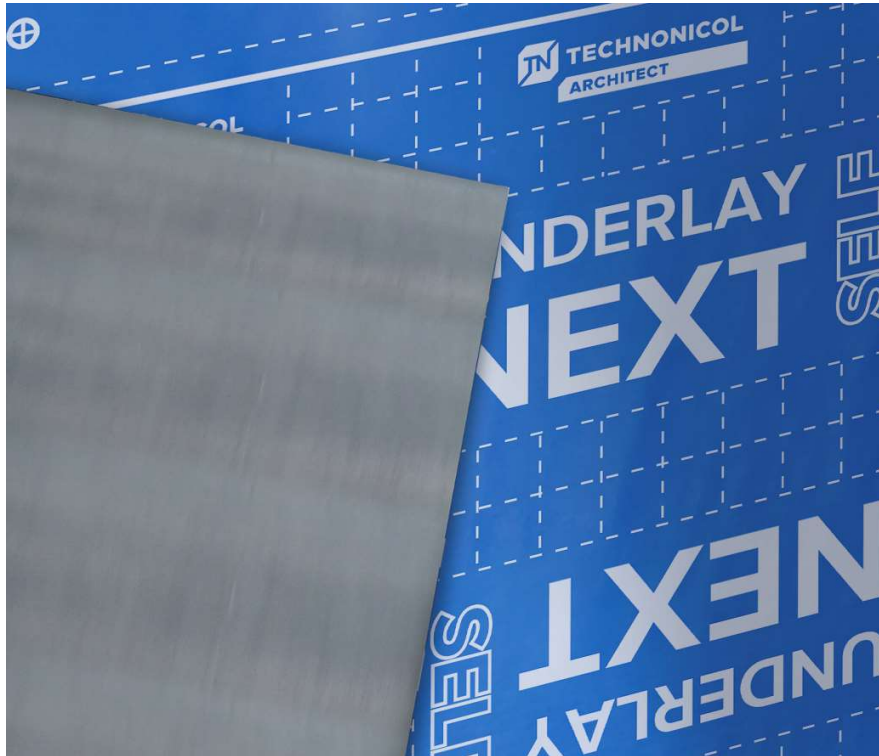


Main physical and mechanical properties	Value
Mass per unit area, kg/m <sup>2</sup>	0,7 ± 0,1
Flexibility at low temperature (R=15 mm), °C	≤ -15
Water impermeability during 72 h at 0,01 MPa pressure	absolute
Flow resistance at elevated temperature, °C	≥ 90
Elongation L / T, %	20 / 20 ±5
Tensile strength L / T, N/50 mm	500 / 500
Tear resistance L / T, N	500 / 500
Protective covering type on the top / Protective covering type on the bottom	Multilayer polypropylene tissue / metallized film

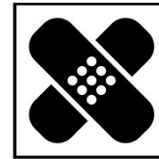


Dimensions	Value
Length	30 m ±0,1 m
Width	1100 mm ±3%

# UNDERLAY NEXT SELF



## SELF-ADHESIVE REINFORCEMENT-LESS UNDERLAYMENT



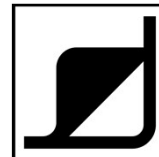
### SELF-HEALING OF BITUMEN

90% of the structure of the underlayment – modified SBS-bitumen.



### NONSLIP COATING

Nonslip upper coating of the underlayment makes them safe in operation.



### SELF-ADHESIVE

No mastic needed for installation.

### WEIGHT

**1,0** KG/M<sup>2</sup>

### ROLL LENGTH

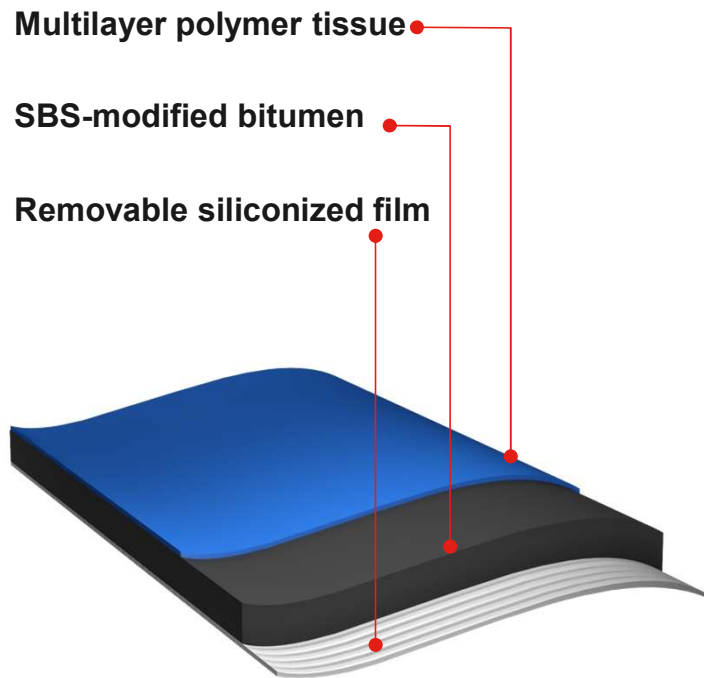
**25** LINEAR M



Convenient in operation and transportation.



# UNDERLAY NEXT SELF



**SELF-ADHESIVE MATERIAL**



**THE MATERIAL ADHERES TO ITSELF**

The upper coating of the material is perfectly adhesive to bitumen. To form a tight overlap simply remove the dust from the overlapping area and attach the sheets of the material together.

# UNDERLAY NEXT SELF

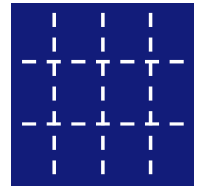
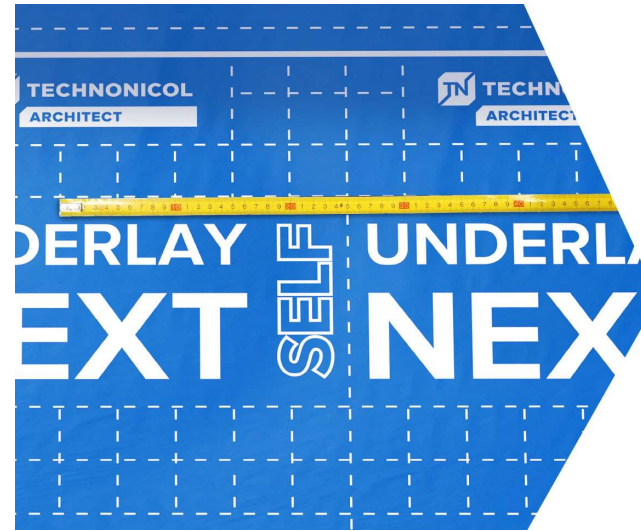


## NONSLIP COATING



Nonslip upper coating enables for installers to safely move on the installed material

## CONVENIENT MARKING



The upper coating of the material has special marking that makes the installation and cutting of the material easier

## UNDERLAY NEXT SELF



Main physical and mechanical properties	Value
Mass per unit area, kg/m <sup>2</sup>	1,0 ± 0,1
Flexibility at low temperature (R=15 mm), °C	≤ -15
Water impermeability during 72 h at 0,01 MPa pressure	absolute
Flow resistance at elevated temperature, °C	≥ 90
Elongation L / T, %	20 / 20 ±5
Tensile strength L / T, N/50 mm	500 / 500
Tear resistance L / T, N	500 / 500
Protective covering type on the top / Protective covering type on the bottom	Multilayer polypropylene tissue / removable siliconized film

Dimensions	Value
Length	25 m ±0,2 m
Width	1000 mm ±3%



# UNDERLAY NEXT

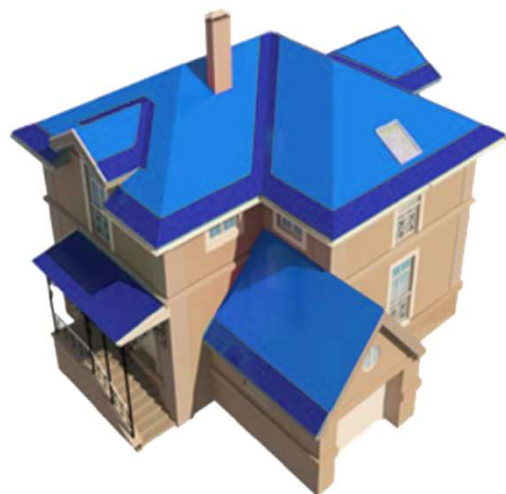


## INSTALLATION MANUAL

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# INSTALLATION MANUAL



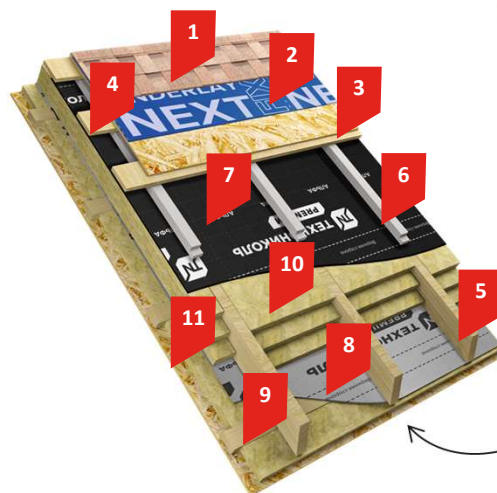
ATTIC WITHOUT THERMAL INSULATION



1. Multilayer roofing tiles
2. UNDERLAY NEXT
3. Solid timber decking
4. Sheathing
5. Timber rafter system
6. Counter batten for ventilation channels
7. Superdiffusive membrane
8. Vapor barrier
9. Sheathing for thermal insulation
10. Stone wool slabs
11. Mansard sheathing

■ UNDERLAY NEXT FIX    
 ■ UNDERLAY NEXT SELF

IT IS RECOMMENDED TO INSTALL UNDERLAYMENT OVER THE ENTIRE SURFACE OF THE ROOF



ATTIC WITH THERMAL INSULATION

## USED WITH OTHER PRODUCTS



### BITUMEN SHINGLES

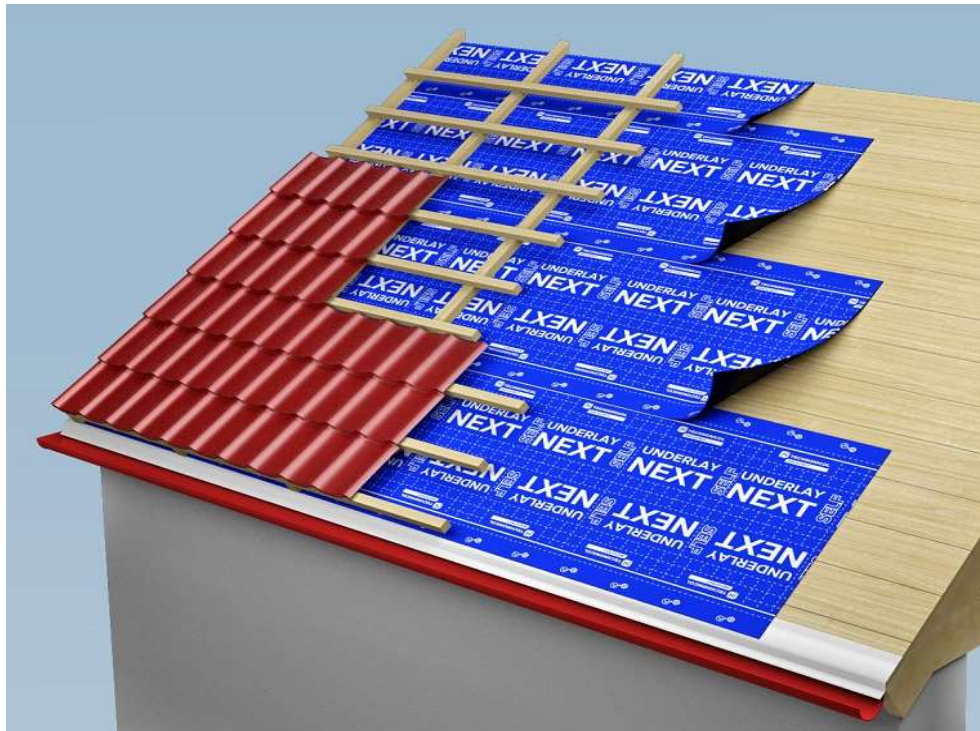




## USED WITH OTHER PRODUCTS



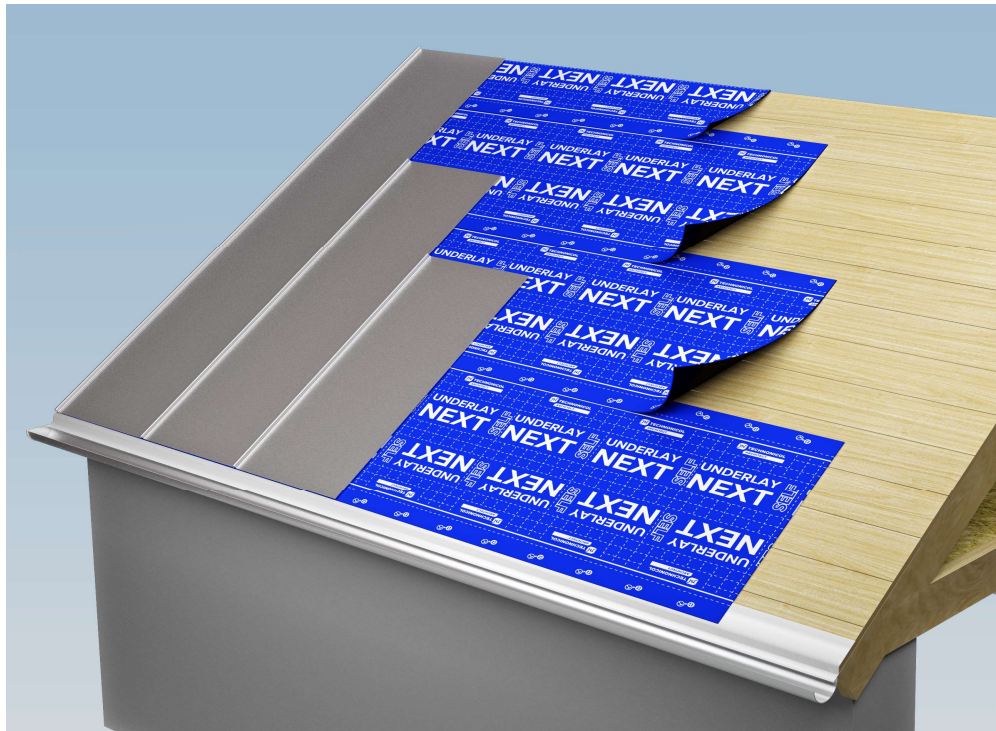
### METAL ROOFING SHEET



## USED WITH OTHER PRODUCTS



### METAL PROFIL SHEET „CLASSIC“

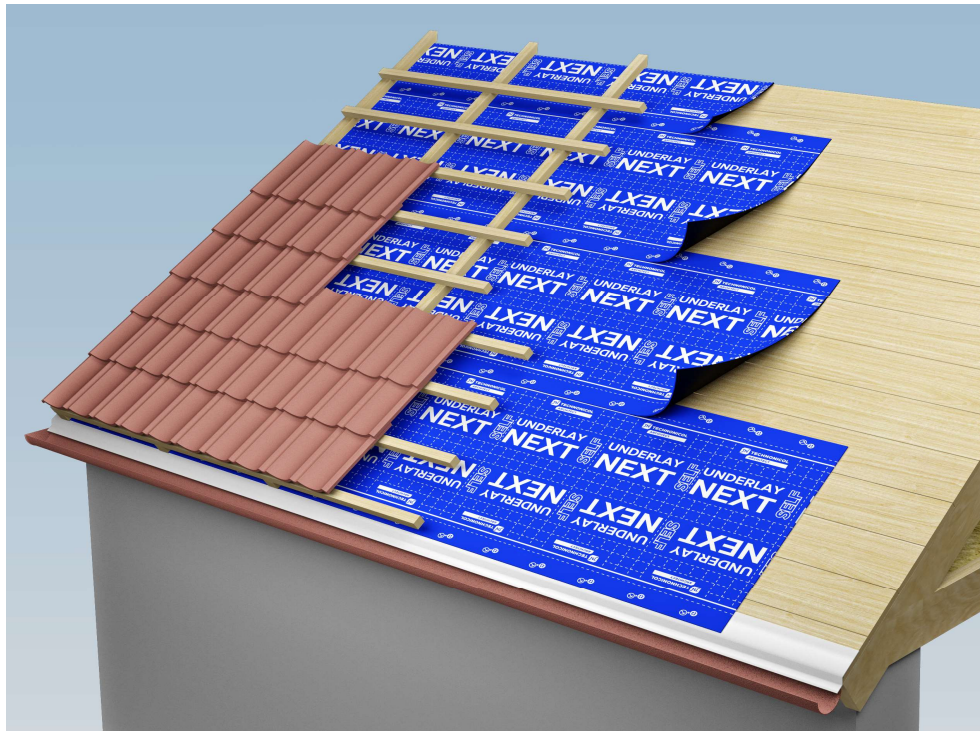




## USED WITH OTHER PRODUCTS



### CERAMIC TILES



## USED WITH OTHER PRODUCTS



### WOOD ROOFING TILES

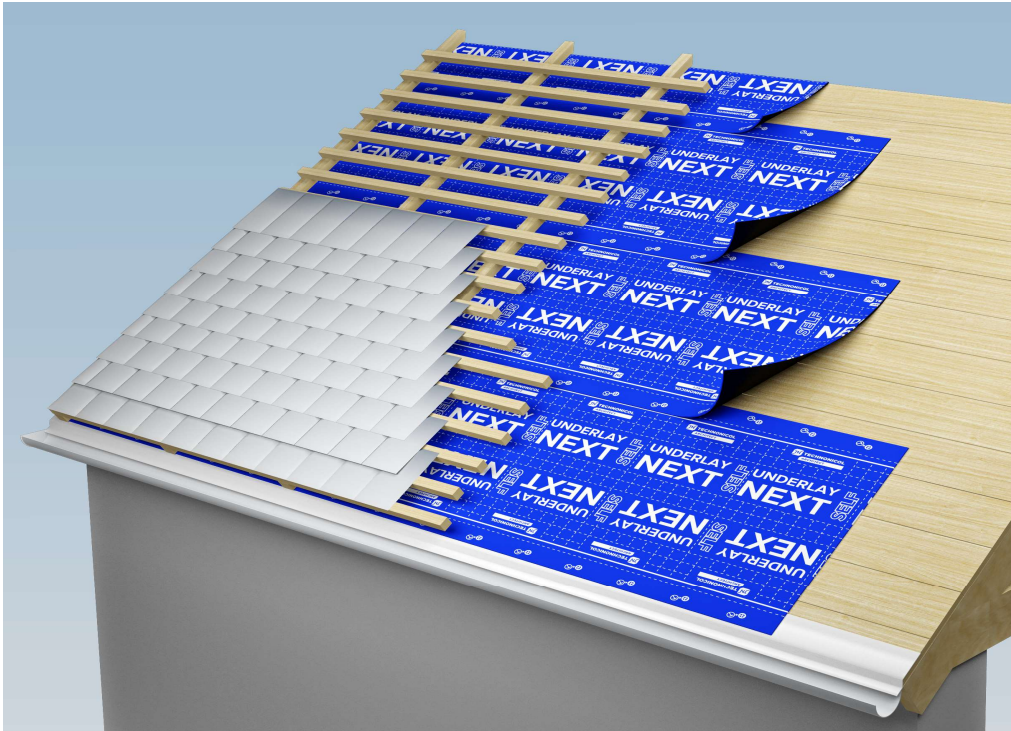




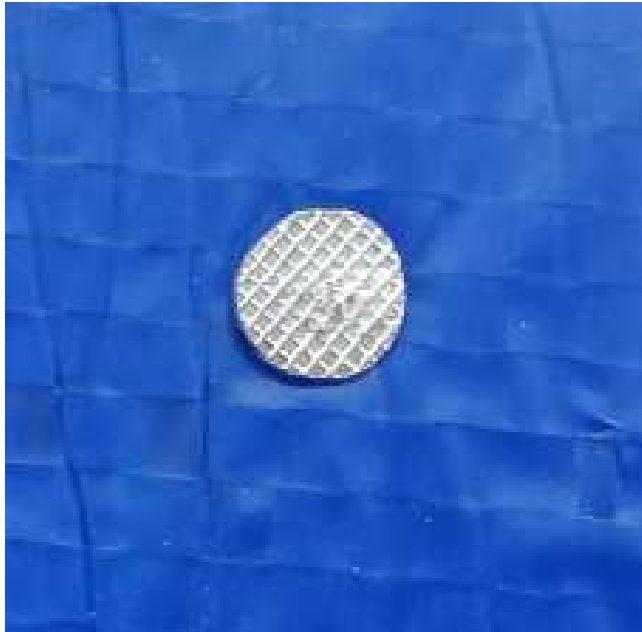
## USED WITH OTHER PRODUCTS



### NATURAL STONE SLATE ROOF TILES



## INSTALLATION MANUAL



**IMPORTANT!** HEADS OF THE NAILS SHOULD NOT DAMAGE THE UNDERLAYMENT BUT TIGHTLY PRESS IT TO THE DECKING.





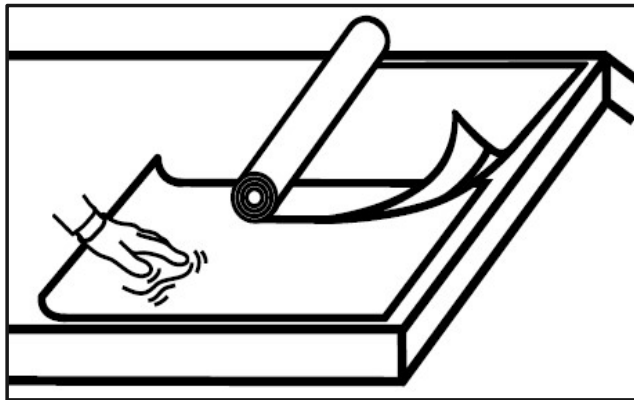
# INSTALLATION OF UNDERLAY NEXT FIX

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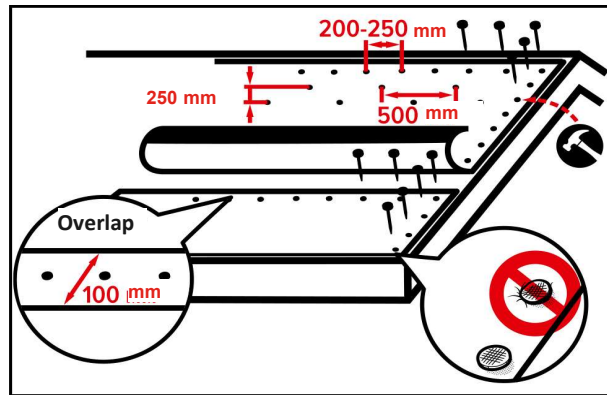
# INSTALLATION OF UNDERLAY NEXT FIX



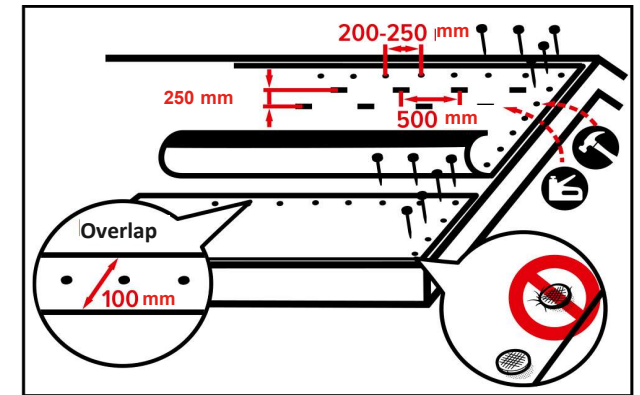
## STRETCH AND FASTEN MECHANICALLY



- Adjust the material, unroll it over the entire surface and let sit.

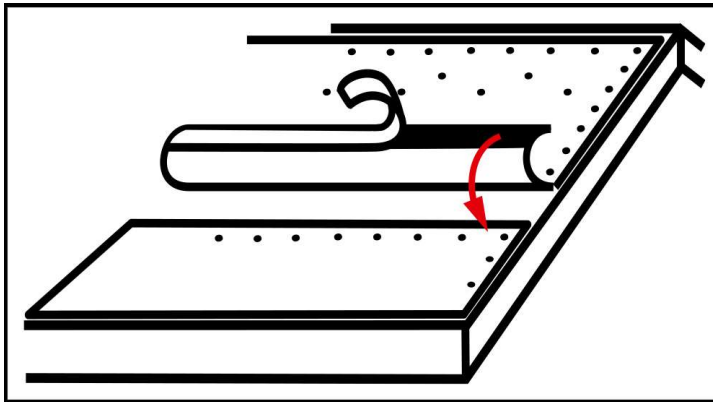


- With roofing ring shank nails.

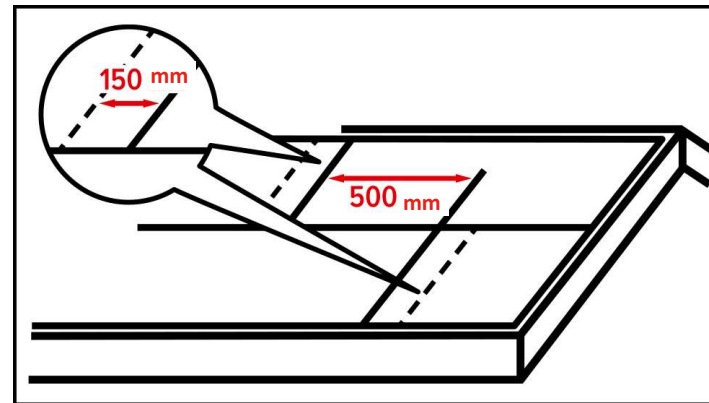


- With roofing ring shank nails and galvanized brackets.

## INSTALLATION OF UNDERLAY NEXT FIX



- After mechanical fastening, remove the dust from the overlapping zone, remove the protective film and stick the cloths together to form a lateral overlap.
- Width of the lateral overlap – 100 mm.



- Apply a thin layer of bitumen mastic in the overlapping zone.
- Width of the lateral overlap – 150 mm.
- The distance between two adjacent lateral overlaps should not exceed 500 mm.



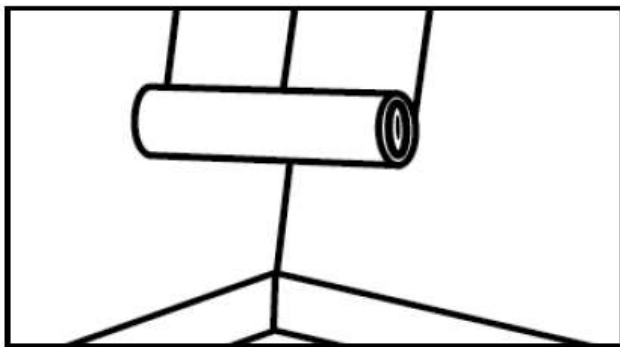
## INSTALLATION OF UNDERLAY NEXT SELF

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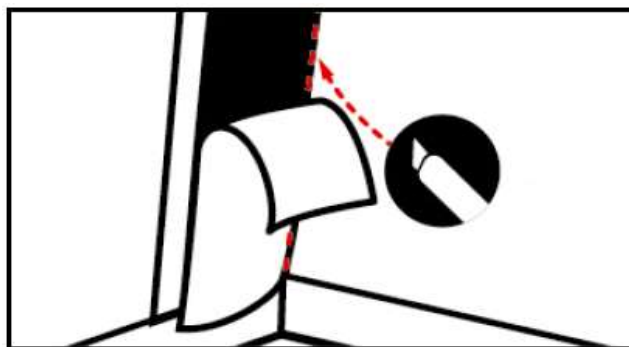
## INSTALLATION OF UNDERLAY NEXT SELF



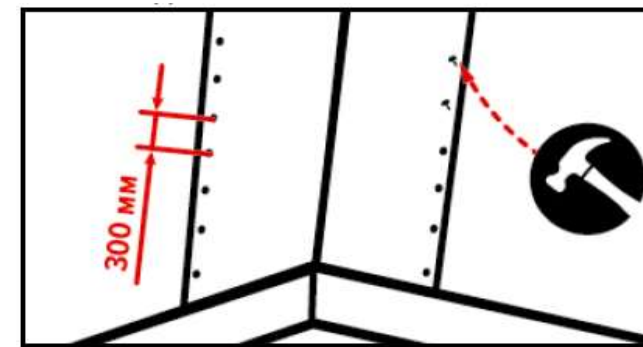
### 1. INSTALLATION IN THE VALLEY



- Adjust the material and center it.



- Fold the material in half and carefully cut the film along to length. Remove it from one side and attach the material to the surface.



- Fasten the material mechanically on the edges and in the ridge zone with galvanized ring shank nails every 300 mm.



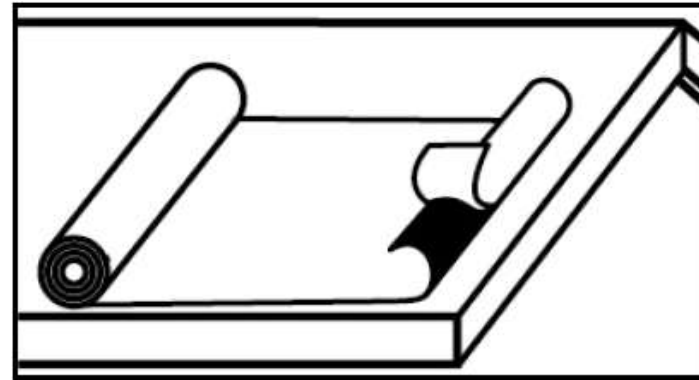
## INSTALLATION OF UNDERLAY NEXT SELF



### 2. INSTALLATION ON THE MAIN SURFACE OF THE ROOF



- Align the material to the edge of the eave overhang and let sit.

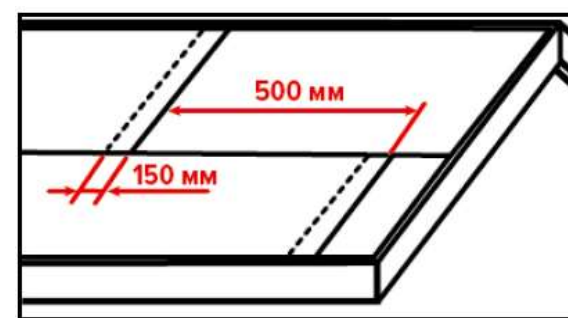
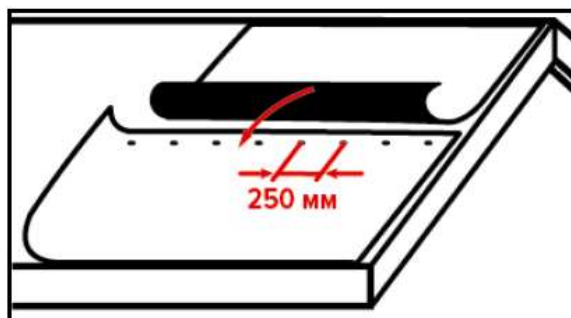
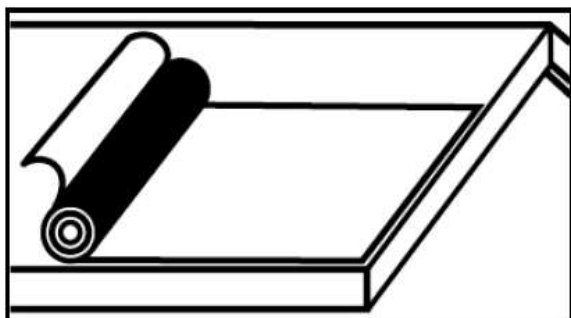


- Carefully cut and remove a part of the protective film and attach the edge of the material to the decking.

## INSTALLATION OF UNDERLAY NEXT SELF



### 2. INSTALLATION ON THE MAIN SURFACE OF THE ROOF



- Gradually remove the protective film and attach the material to the decking. Make sure that there are no air bubbles occurring between the material and the decking.
- Fasten the material mechanically in the overlapping zone with galvanized ring shank nails.
- Lateral overlaps should be of 100 mm, transversal overlaps – 150 mm. The distance between the transversal overlaps should be at least 500 mm.



# LOGISTICS AND CERTIFICATION

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# LOGISTICS AND CERTIFICATION



## LOGISTICS

Product name, code	Base	Material amount, m <sup>2</sup> /roll	Material weight kg/m <sup>2</sup>	Mass / roll, kg	Material per pallet, rolls	Material per pallet, m <sup>2</sup>	Mass of a pallet, kg
<b>UNDERLAY NEXT SELF (self-adhesive), 681859</b>	Polymer tissue	25	1,0	25	30	750	780
<b>UNDERLAY NEXT FIX (mechanical fastening), 681858</b>	Polymer tissue	33	0,7	23,1	30	990	723

## CERTIFICATION

### CERTIFICATE OF CONFORMITY

All materials are voluntarily certified by the manufacturer for compliance with the declared technical characteristics

### CERTIFICATE OF FIRE SAFETY

All materials conform to the Technical regulations on fire safety requirements



### ALLIANZ INSURANCE (WARRANTY 10 YEARS)

Materials and property are insured against leaks in case of using low-quality materials



**GUARANTEE OF QUALITY**



**THANK YOU FOR ATTENTION!**

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