

# EAGLE SHINGLES SBS

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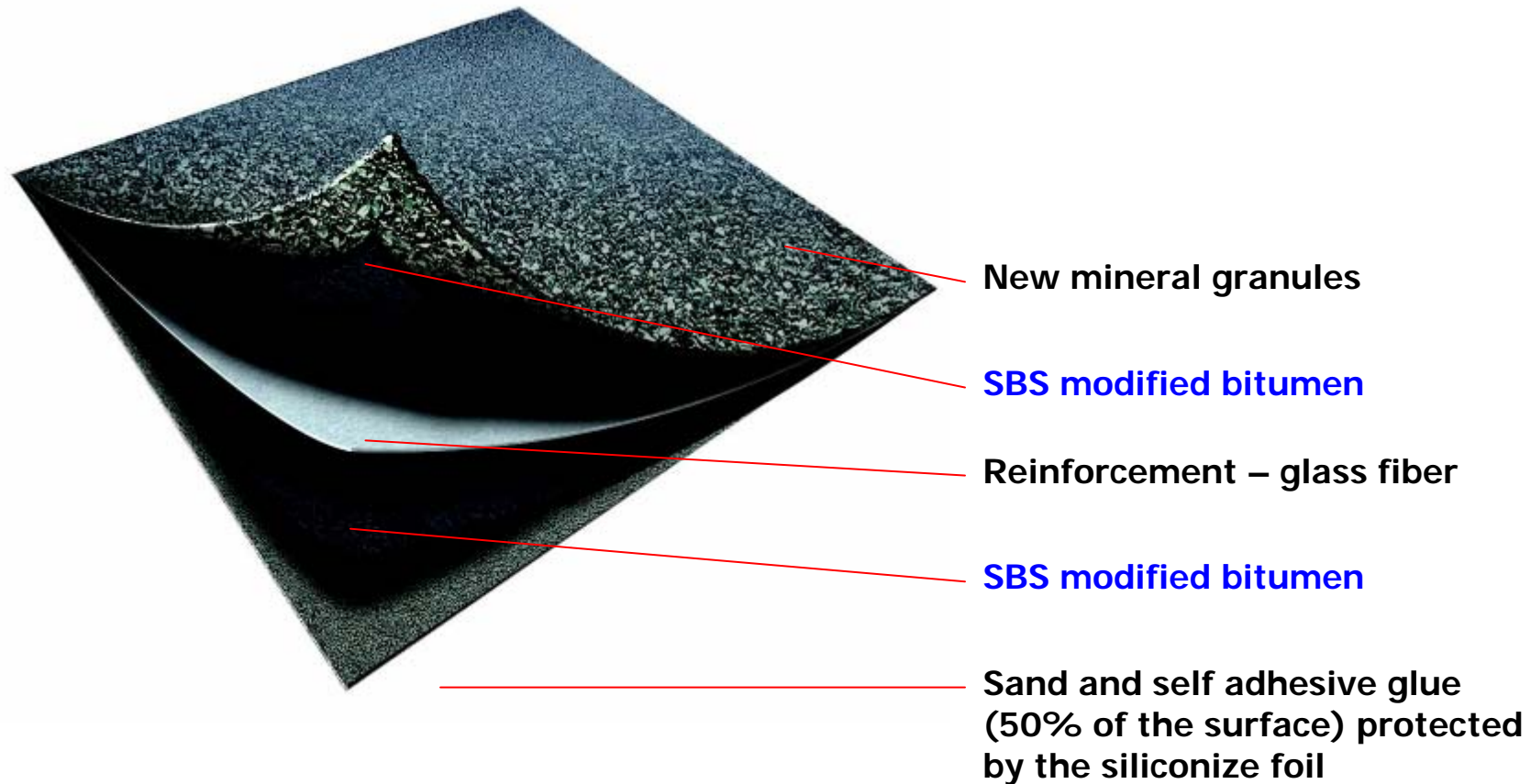


# Eagle Shingles SBS

- SBS modified shingles
- self adhesive surface (50%) from the bottom side
- very flexible and easy for application



# Eagle Shingles SBS - structure



# Eagle Shingles SBS

- Beaver Tail



- Rectangular

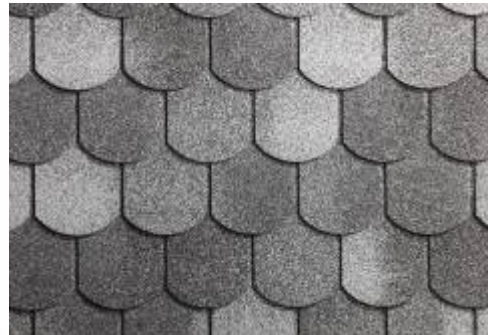
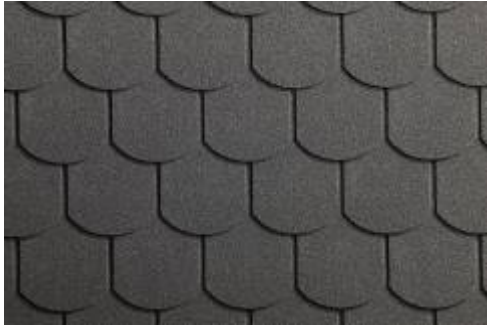


- Hexagonal



# Eagle Shingles SBS - Beaver Tail (7 colours)

System  
**FireSmart**®



# Eagle Shingles SBS – Rectangular (7 colours)

System  
**FireSmart**<sup>®</sup>



# Eagle Shingles SBS – Hexagonal (3 colours)



# Eagle Shingles SBS – technical details



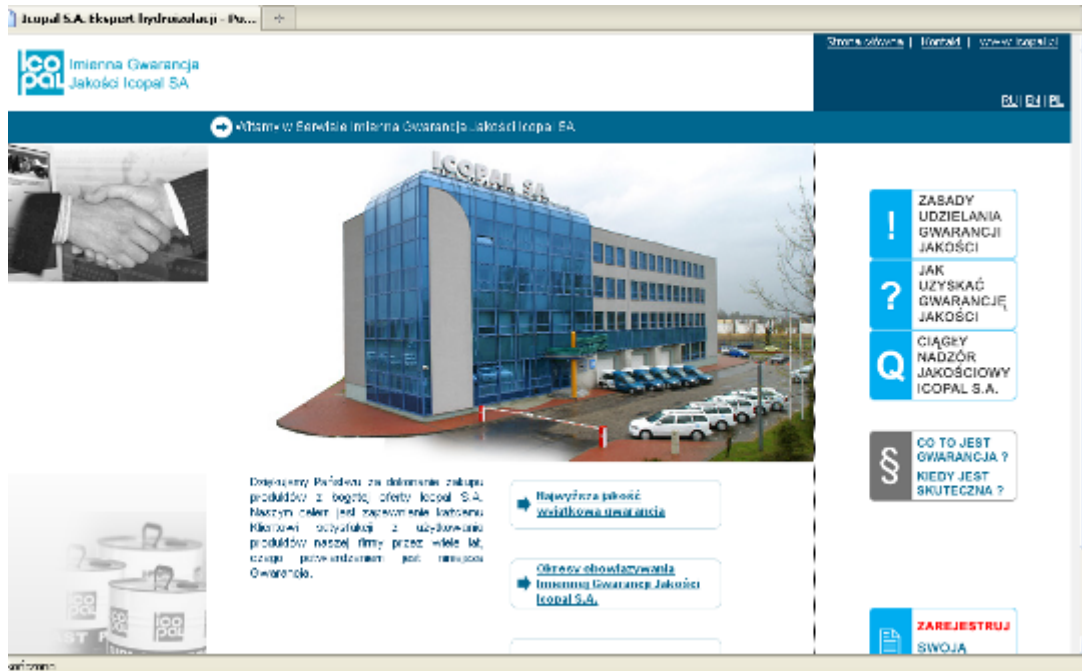
- Eagle Shingles SBS are produced according to EN 544
- SBS modified bitumen
- Self adhesive surface on min. 50 % of the bottom side of the shingles
- New type of granules



# Warranty

Warranty term for bitumen shingles in Poland  
is 15 years

- water tightness



The screenshot shows the website for Icopal SA's 'Imienna Gwarancja Jakości Icopal SA' (Name Warranty of Quality Icopal SA). The page features a navigation bar with 'Strona główna', 'Icopal', and 'www.icopal.pl'. Below the navigation bar, there is a main content area with a large image of the Icopal SA building. To the right of the building image, there are several informational boxes:

- ZASADY UDZIELANIA GWARANCJI JAKOŚCI** (Rules of Quality Warranty Issuance)
- JAK UZYSKAĆ GWARANCJĘ JAKOŚCI** (How to Obtain Quality Warranty)
- CIĄGŁY NADZÓR JAKOŚCIOWY ICOPAL S.A.** (Continuous Quality Control Icopal S.A.)
- CO TO JEST GWARANCJA? KIEDY JEST SKUTECZNA?** (What is a Warranty? When is it Effective?)

At the bottom right, there is a prominent **ZAREJSTRUJ SWOJA** (Register Your) button. On the left side of the main content area, there is a text block and a button: **Najwyższa jakość wszystkich materiałów** (Highest quality of all materials).



# Eagle Shingles SBS – logistics information

- Width of the shingles 1 000 mm
- Weight of 1 m<sup>2</sup>:
  - Beaver Tail 11 kg
  - Rectangular 10,8 kg
  - Hexagonal 9 kg
- Quantity of pices in 1 package (3 m<sup>2</sup> of the final roof)
  - BeaverTail 22 pcs.
  - Rectangular 21 pcs.
  - Hexagonal 22 pcs.
- 1 pallet = 90 m<sup>2</sup>
- Packages in PE foil



## **Bitumen shingles – technical characteristic**

# European Standard - EN 544



Shingles production according to European Standard EN 544 (CE sign)



# APPLICATION

System  
**FireSmart**<sup>®</sup> | **ico**  
**pal**

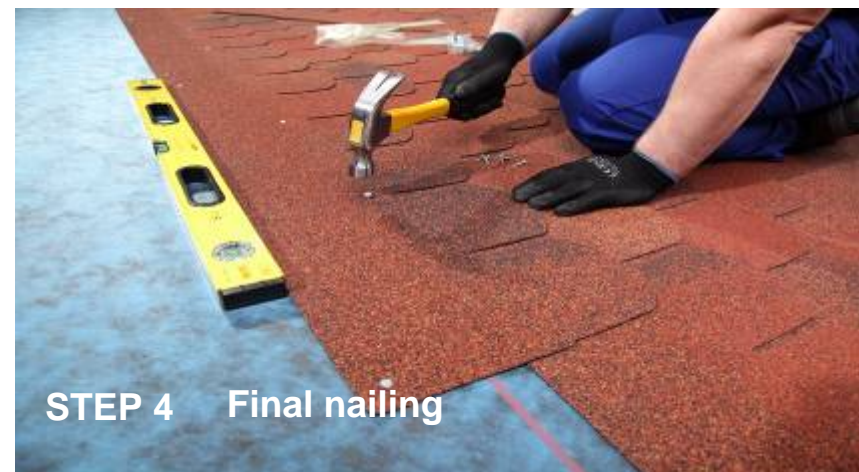


# Self adhesive surface

## Simple application

Self-adhesive layer on ca. 50% of the bottom surface of the shingles  
Protected siliconized foil easy to remove by the roofer

**Protected foil**



# Roof construction

**Wooden roof (planks, OSB board) is require for shingles application**

## 1. Planks

- recommended thickness of the planks is 25 mm  
(900 mm distance between rafters)

## 2. OSB board – recommended thickness 18 mm

OSB board	
Distance between rafters (mm)	Thickness of OSB board (mm)
600	12
800	15
1000	18



**Fel'x** – Speed SBS Barrier serves as an underroof for shingles and other products

System  
**FireSmart**® | **ico**  
**pal**





# FEL'X Szybka Bariera SBS

Imienna Gwarancja Jakości  
Icopal S.A.  
**25 lat**

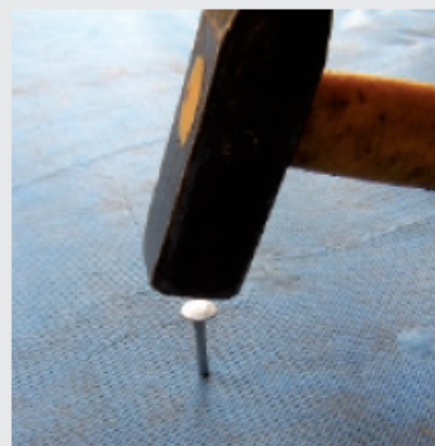


Dzięki unikalnej budowie i zastosowaniu kauczuków bitumicznych SBS posiadających pamięć wewnętrzną kształtu w przeciwieństwie do zwykłych folii dachowych paroprzepuszczalnych zapewniają:

**całkowitą szczelność**

Nawet po przebiciu gwoździem lub przypadkowym uszkodzeniu Bariery 'X podczas montażu i w trakcie użytkowania regenerują się poprzez

**unikalne, samoistne zasklepanie się uszkodzeń**



Montaż FEL'X Szybkiej Bariery SBS



FEL'X Szybka Bariera SBS dwa miesiące po montażu

# Fel'x Speed SBS Barrier



**Dedicated like an underlayer for shingles**

- large rolls 1,25 x 40 m (50 m<sup>2</sup> in roll)
- light weight only 476 g/m<sup>2</sup>
- simple application
- easy to fit
- CE mark
- very strong
- thickness only 0,6 mm – no risk of thick overlap

# Bitumen shingles



Shingles can be applied on the pitched roofs with slope between 11,3 - 75 °



# Bitumen shingles



**Shingles are suitable for new and renovated, modern and old style roofs.**



# Bitumen shingles



Thanks to the low weight (8 - 11 kg/m<sup>2</sup>) shingles can be used for roofs with light wooden construction.



# Bitumen shingles



Minimal temperature for the shingles application is +6 C



# Bitumen shingles



Customers can choose from a wide range of shapes and colours, which gives them the opportunity to create their ideal roof.



# Bitumen shingles



## Advantages of the bitumen shingles:

- low cost of material
- high quality supported with Icopal warranty
- simple application without professional tools
- low weight of the roof
- large self adhesive surface (50% of the bottom side) protect against strong winds and heavy rains
- module construction
- logistics (1 pallet = 90/117 m<sup>2</sup>)





# Bitumen shingles

## Advantages of the bitumen shingles:

- fire precautions (Broof T1)
- weather proof,
- durable colours,
- rust proof,
- waterproof,
- flexible,
- few discards on application,
- muffle noises e.g. rain, hailstones,
- wide range of colours and shapes,



# Bitumen shingles ventilation accessories



# Most popular ventilation element for ridge roofs



**Thank you for your attention**