

# Eco Roof Hexagonal – Roofing Shingles

Rev.: 01/05/2025

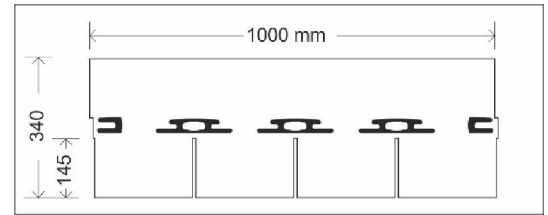
## Description:

Single-layer flexible bituminous shingle, with glass fiber carrier and protected by colored ceramic-coated basalt.

## Application:

Application on pitched roofs, with a slope between 5° and 85°. Installation temperature above +5°C. Always check the adhesion of the pads or of the shingle at the end of the installation.

EAD 220020-00-0402  
DoP N° 017



## TECHNICAL DATA SHEET:

### GENERAL INFORMATION:

| Characteristics              | Norm   | UoM | Value            | Tolerance |
|------------------------------|--------|-----|------------------|-----------|
| Bitumen Type / Compound Type |        |     | Oxidized Bitumen |           |
| Length                       | EN 544 | mm  | 1000             | ±5        |
| Width                        | EN 544 | mm  | 340              | ±3        |
| Thickness                    | -      | mm  | 3                | ±5%       |
| Exposed Area                 | -      | mm  | 145              | -         |
| Height of Slits              | -      | mm  | >143             | -         |

### PHYSICAL-CHEMICAL PROPERTIES

|   |            |                   |             |      |
|---|------------|-------------------|-------------|------|
| Weight (Finished Product)                 | -          | kg/m <sup>2</sup> | 9.4         | ±10% |
| Bitumen per Single Layer                  | EN 544     | g/m <sup>2</sup>  | >1000       | -    |
| Tensile Strength MD/CMD                   | EN 12311-1 | N/50mm            | >600 / >400 | -    |
| Resistance to Tearing (Nail Shank Method) | EN 12310-1 | N                 | >100        | -    |
| Water Absorption                          | EN 544     | %                 | <2          | -    |
| Resistance to UV Radiation                | EN 1297    | Visual            | Pass        | -    |
| Resistance to Blistering                  | EN 544     | Visual            | Pass        | -    |
| Flow Resistance. at 90°C                  | EN 1110    | mm                | <1          | -    |
| Granules Adhesion                         | EN 12039   | -g                | <1.2        | -    |

### FIRE BEHAVIOR

|                          |                               |  |            |  |
|--------------------------|-------------------------------|--|------------|--|
| External Fire Resistance | EN 13501-5 / EN 1187          |  | Broof (t1) |  |
| Reaction to Fire         | EN 13501-1 / prEN ISO 11925-2 |  | E          |  |

### PACKAGING

|                                    |  |    |                   |  |
|------------------------------------|--|----|-------------------|--|
| Type                               |  |    | Polyethylene Film |  |
| Shingles per Bundle                |  |    | 16                |  |
| m <sup>2</sup> /Bundle             |  |    | 2.32              |  |
| m <sup>2</sup> /Pallet             |  |    | 185.60            |  |
| Pallet Weight (Standard Packaging) |  | Kg | 1470 - 1720       |  |

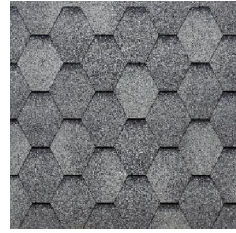
## Available Colors:



509 – Shaded Red



239 – Shaded Brown



269 – Shaded Slate



279 – Shaded Green

## Safety:

The material is free of asbestos, tar compounds and other dangerous substances.

## Storage:

Store pallets in closed warehouses, away from heat sources and direct sunlight. Store in the original packaging. Do not stack pallets.

## Other information:

The characteristics expressed refer to the standard production. Tegola Canadese reserves the right to update the technical data sheets without notice. Further information on installation is available on [www.tegolacanedese.com](http://www.tegolacanedese.com).