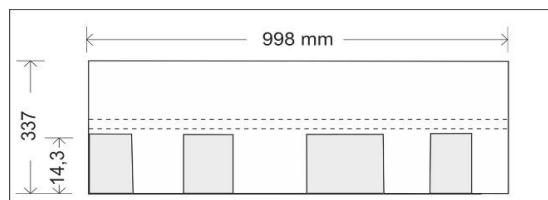


## Description:

Double-layer flexible bituminous shingle, with glassfiber carrier reinforced by a glass scrim and protected by colored ceramic-coated basalt.

## Application:

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



## GENERAL INFORMATION

|                              | Norm   | Unit of Measure | Value                | Tolerance |
|------------------------------|--------|-----------------|----------------------|-----------|
| Bitumen Type / Compound Type | -      |                 | Oxidized Bitumen     |           |
| Width                        | EN 544 | mm              | 998                  | ±3        |
| Height                       | EN 544 | mm              | 337                  | ±3        |
| Exposed Area                 | -      | mm              | 143                  | -         |
| Nailing Axis Position        | -      | mm              | 160 - 180            | -         |
| Adhesion System              | -      |                 | Self-Adhesive Points |           |

## PHYSICAL-CHEMICAL PROPERTIES \*

|  | Norm        | Unit of Measure | Value       | Tolerance |
|--|-------------|-----------------|-------------|-----------|
| Weight (Finished Product)  | -           | kg/m2           | 12,3        | ±10%      |
| Bitumen per Single Layer   | EN 544      | g/m2            | >1500       | -         |
| Tensile Strength (Width / Height)  | EN 12311-1  | N/5cm           | 1100 / 1100 | -         |
| Resistance to Tearing (Nail Shank Method)  | EN 12310-1  | N               | 200         | -         |
| Water Absorption   | EN 544      | %               | <1          | -         |
| 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              | 0,5         | -         |
| Resistance to Fixing - Fastener Pull-Through Resistance (Single / Double Layer, at 25°C) | ASTM D-3462 | lbf             | 35 / 70     | -         |

\* Average data obtained from tests.

## FIRE BEHAVIOR \*\*

|                          | Norm                          | Value        |
|--------------------------|-------------------------------|--------------|
| External Fire Resistance | EN 13501-5 / EN 1187          | Broof(t1,t2) |
| Reaction to Fire         | EN 13501-1 / prEN ISO 11925-2 | E            |

\*\* These data are declared on the basis of our knowledge, experience and internal testing. The product has already been sent to an accredited laboratory for testing. We are waiting for official results.

## PACKAGING

|                           | Unit of Measure | Value             | Tolerance |
|---------------------------|-----------------|-------------------|-----------|
| Type                      |                 | Polyethylene Film |           |
| Shingles per Bundle       |                 | 14                |           |
| m <sup>2</sup> per Bundle |                 | 2,00              |           |
| m <sup>2</sup> per Pallet |                 | 136,00            |           |
| Pallet Weight             | Kg              | 1520 - 1830       |           |

## Safety:

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

## Storage

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

## Other Information:

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