

1. Name and trade name of a construction product:

Gustavson ESTIMA cassette

2. Marking the type of a construction product:

Gustavson ESTIMA cassette

3. Intended use or uses:

Sets of profiles and complementary elements Gustavson Estima are designed for making interior cassettes for sliding doors (wall cassettes), that cooperate with glass & wooden door wings which, in the open position, stay hidden inside a wall.

4. Name and address of the manufacturer's headquarters and production plant:

Laguna Fabryka Okuć Sp. z o.o. Sp. k. ul. Maszynowa 32A, 80-298 Gdańsk

5. Name and address of the distributor's headquarters, if they have been set up:

Does not apply

6. Country's system applied a grading and verifying stability of Useful Properties:

System 3

7. Country's technical specification:

7a. Polish product norm:

Does not apply

Name of an accredited unit, accredited number and number of country's certificate or accredited laboratory / laboratories and accredited number:

Does not apply

7b. Country's technical grade:

COUNTRY'S TECHNICAL GRADE ITB-KOT-2018/0552 1st edition

Sets of profiles and complementary elements Gustavson Stark and Gustavson Estima for making sliding door cassettes.

Technical evaluation unit/Country' technical evaluation unit:

Building Research Institute ul. Filtrowa 1, 00-611 Warszawa

Name of an accredited certifying unit, accredited unit and certificate number:

Does not apply

8. Declared useful properties:

Essential characteristics of a construction product for the intended use or uses	Declared useful properties	Comments
Stiffness - deflection of the cassette as a result of a linear force of 200 N / mm, mm	$\leq H/100$ and ≤ 25 mm (no damage to the cassette) H - cassette height in mm	
Impact resistance to a soft and heavy body:	category II	
Impact resistance to a hard body:	category II	
Durability - thickness of zinc coatings on steel elements	$13 \pm 27 \mu\text{m}$	
Durability, resistance to neutral salt spray	after 48 hours no traces of corrosion	

9. Useful properties of the above specified products shall be in accordance with all the declared in paragraph 8 useful properties. The present national declaration of useful properties issued in accordance with the Act from 16 of April 2004 about construction products, under the sole responsibility of the manufacturer. Attachment no. 2 -Journal of Laws norm - 25 - Pos. 1966

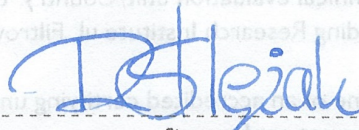
On behalf of the manufacturer signed:

Rafał Słężak – Dyrektor produkcji

Name, surname and position

Gdańsk 03.07.2018

Place and the date of issue



Signature