CERTOTTICA®

00719

EU TYPE EXAMINATION CERTIFICATE

n.: AC 20060 Rev. 1

In accordance with Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016,

CERTOTTICA Scrl

Identification number 2008

Considering the application for EU type examination **D 2025-315** submitted on **10/03/2025**

ATTESTS THAT

the following model of personal protective equipment

310

Presented by

Shamir Optical Industry L.t.d

Kibbutz Shamir, Upper Galilee 12135 Israel

Meets the applicable essential health and safety requirements.

The description of the model of personal protective equipment, references to standards, results of tests, and the description of the CE marking on the device are described on the next pages of this certificate.

Date of first issuance (dd/mm/yyyy):	13/03/2020
Renewal or revision date (dd/mm/yyyy):	12/03/2025
Expiration date (dd/mm/yyyy):	11/03/2030

Longarone 12/03/2025

Scheme Manager
(Michele Perenzin)

CERTOTTICA Longarone N.B. 2008

1. Product description

Name	310
Trademark	EYRES
Type PPE	Personal eye protector – Spectacle and Goggle
Compliant with standard(s)	EN 166:2001
Category of membership	II
Field of application	Personal Eye Protectors
Authorized representative	-
Authorized Representative Address	-
Manufacturer	Shamir Optical Industry Ltd
Manufacturer Address	Kibbutz Shamir, Upper Galilee - 12135 Israel
Notes	-

2. Levels of protection offered by the personal equipment, specific description of the PPE and notes:

Applicable standards:
EN 166:2001 - Personal eye-protection - Specifications

Connected harmonised standard / technical specifications:
EN 170:2002 - Personal eye-protection - Ultraviolet filters - Transmittance requirements and recommended use
EN 172:1994/A1:2000/A2:2001 - Personal eye-protection - Sunglare filters for industrial use

Product variants:

Polycarbonate Clear Plano ocular - Spectacle / Goggle configuration
Polycarbonate Clear Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration
Polycarbonate Grey Plano ocular - Spectacle / Goggle configuration
Polycarbonate Grey Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration
Polycarbonate Polar Grey Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration
Polycarbonate Photo Grey Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration
Polycarbonate Polar Brown Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration
Polycarbonate Photo Brown Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration
Trivex Clear Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration
Trivex Polar Grey Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration
Trivex Photo Grey Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration
Trivex Polar Brown Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration
Trivex Photo Brown Prescription lenses (Single-vision and Power-variation) - Spectacle / Goggle configuration

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PPE description:

The present EU typ-examination certificate is the first revision of the one issued by Certottica on 13/03/2020 with number AC 20069. This first revision includes the new EYRES branding and renews the UE type-examination certificate.

Personal eye-protector composed of a couple of oculars (one for each eyes) in Polycarbonate or Trivex assembled on a frame in Polycarbonate with temples in Polycarbonate. Headband in Fiber and nose pads in TPR.

Eye-protector model 310 may be in two frame configurations: Spectacles with temples (protection against high speed particles at extremes of temperature - Low energy impact) or Goggle with headband (protection against: high speed particles at extremes of temperature - Low energy impact and droplets of liquids).
Eye-protector model 310 can mounts:

- **Polycarbonate Clear Plano** ocular (protection against optical radiation – ultraviolet filters with resistance to surface damage by fine particles and resistance to fogging);
- **Polycarbonate Clear Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – ultraviolet filters with resistance to surface damage by fine particles);
- **Polycarbonate Grey Plano** ocular (protection against optical radiation – sunglare filter for industrial use with resistance to surface damage by fine particles);
- **Polycarbonate Grey Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – sunglare filter for industrial use with resistance to surface damage by fine particles);
- **Polycarbonate Polar Grey Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – sunglare filter for industrial use);
- **Polycarbonate Photo Grey Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – sunglare filter for industrial use with resistance to surface damage by fine particles);
- **Polycarbonate Polar Brown Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – sunglare filter for industrial use);
- **Polycarbonate Photo Brown Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – sunglare filter for industrial use with resistance to surface damage by fine particles);
- **Trivex Clear Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – ultraviolet filters with resistance to surface damage by fine particles);
- **Trivex Polar Grey Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – sunglare filter for industrial use);
- **Trivex Photo Grey Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – sunglare filter for industrial use with resistance to surface damage by fine particles);
- **Trivex Polar Brown Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – sunglare filter for industrial use);

CERTOTTICA Longarone N.B. 2008

- **Trivex Photo Brown Prescription** lenses *single-vision* with dioptric powers from -4.75 D to +4.50 D and *power-variation* with dioptric powers from -4.75 D to +4.50 D and power addition from +0.75 D to +3.00 D (protection against optical radiation – sunglare filter for industrial use with resistance to surface damage by fine particles);

Both configurations can mount inside the frame an RX insert with prescription lenses in **Polycarbonate Clear Prescription** lenses – *single-vision* with dioptric powers from -6.00 D to +6.00 D, *bifocal* and *power-variation* with dioptric powers from -6.00 D to +6.00 D and power addition from +0.75 D to +3.00 D (with protection against optical radiation – ultraviolet filters with resistance to surface damage by fine particles and resistance to fogging) or **1,67 Clear Prescription** lenses – *single-vision* with dioptric powers from -8.00 D to +8.00 D, *bifocal* and *power-variation* with dioptric powers from -8.00 D to +8.00 D and power addition from +0.75 D to +3.00 D D (with protection against optical radiation – ultraviolet filters with resistance to surface damage by fine particles and resistance to fogging).

Main dimensions of the PPE, including sizes and weight

Height x Length x Width (mm): 48 x 180 x 145
Weight (g): 63

The performance level(s) or the protection class(es) of the PPE:

Frame - Mechanical performances:
• protection against high speed particles - Low energy impact at extremes of temperature [marking code "FT"];
• protection against droplets of liquids [only for goggle frame variant - marking code "3"].

Ocular - Mechanical performances:
• protection against high speed particles - Low energy impact at extremes of temperature [marking code "FT"];

Ocular - Optical Performances:
• protection against optical radiation - Ultraviolet filters - EN170 [*Clear* ocular - scale number "2C-1,2"];
• protection against optical radiation - Sunglare filters for industrial use - EN172 [*Grey* and *Polar Grey* ocular variants - scale number "5-3,1"];
• protection against optical radiation - Sunglare filters for industrial use - EN172 [*Photo Grey* and *Photo Brown* ocular variants - scale number "5-1,1<-3,1"];
• protection against optical radiation - Sunglare filters for industrial use - EN172 [Polar Brown ocular variants - scale number "5-2,5 "];
• resistance to surface damage by fine particles [marking symbol "K", except for *Polycarbonate Polar Grey* and *Polycarbonate Polar Brown* (Prescription) lenses];
• resistance to fogging of oculars [marking symbol "N", only for the *Clear* and *Grey* (Plano) oculars];
• Optical Class: 1.

3. Test results and test examinations are covered by the following test reports

ORLAB	15447.8	25/02/2016
ORLAB	15447.9	25/02/2016
ORLAB	16226.1	23/08/2016
ORLAB	18016.1	05/02/2018
ORLAB	18309.1	05/12/2018
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CERTOTTICA Scrl	172259	07/07/2017
CERTOTTICA Scrl	172260	07/07/2017
CERTOTTICA Scrl	172261	07/07/2017
CERTOTTICA Scrl	172262	07/07/2017
CERTOTTICA Scrl	172263	07/07/2017
CERTOTTICA Scrl	172264	07/07/2017
CERTOTTICA Scrl	172265	07/07/2017
CERTOTTICA Scrl	172266	07/07/2017
CERTOTTICA Scrl	172267	07/07/2017
CERTOTTICA Scrl	172268	07/07/2017
CERTOTTICA Scrl	172269	07/07/2017
CERTOTTICA Scrl	180795	05/04/2018
CERTOTTICA Scrl	180797	05/04/2018
CERTOTTICA Scrl	180799	05/04/2018
CERTOTTICA Scrl	180803	05/04/2018
CERTOTTICA Scrl	184837	26/10/2018
CERTOTTICA Scrl	197197	28/10/2019
CERTOTTICA Scrl	197198	28/10/2019
CERTOTTICA Scrl	197199	28/10/2019
CERTOTTICA Scrl	197452	28/10/2019
CERTOTTICA Scrl	193283	27/05/2019
CERTOTTICA Scrl	193284	27/05/2019
CERTOTTICA Scrl	193285	27/05/2019
CERTOTTICA Scrl	200145	02/03/2020
CERTOTTICA Scrl	200146	02/03/2020
CERTOTTICA Scrl	200147	02/03/2020
CERTOTTICA Scrl	200148	02/03/2020
CERTOTTICA Scrl	200149	02/03/2020
CERTOTTICA Scrl	200150	02/03/2020

CERTOTTICA Longarone N.B. 2008

4. Marking

	Ocular Marking	
Ocular variant	**Marking**	**Position**
Polycarbonate Clear plano lenses	2C-1,2 1 FT K N CE	Both oculars, in central position
Polycarbonate Grey plano lenses	5-3,1 1 FT K N CE	
Polycarbonate Clear prescription lenses	2C-1,2 1 FT K CE	
Polycarbonate Grey prescription lenses	5-3,1 1 FT K CE	
Polycarbonate Polar Grey prescription lenses	5-3,1 1 FT CE	
Polycarbonate Photo Grey prescription lenses	5-1,1<-3,1 1 FT K CE	
Polycarbonate Polar Brown prescription lenses	5-2,5 1 FT CE	
Polycarbonate Photo Brown prescription lenses	5-1,1<-3,1 1 FT K CE	
Trivex Clear prescription lenses	2C-1,2 1 FT K CE	
Trivex Polar Grey prescription lenses	5-3,1 1 FT K CE	
Trivex Photo Grey prescription lenses	5-1,1<-3,1 1 FT K CE	
Trivex Polar Brown prescription lenses	5-3,1 1 FT K CE	
Polycarbonate Photo Brown prescription lenses	5-1,1<-3,1 1 FT K CE	

	Frame Marking	
	Marking	**Position**
Spectacles	EN166 FT CE	On the left temple, inner position
Goggles	EN166 3 FT CE	On the left buckle, inner position

NOTE:

- ✓ is the manufacturer's identification symbol;
- ✓ due to the nature and design of the PPE, the CE marking logo on the PPE is lower than 5 mm;
- ✓ right and left positions are defined with the eye-protector worn.

CERTOTTICA Longarone N.B. 2008

Images of complete PPE



Terms and conditions under which the Certicate is issued

a) Marking and instructions were examined in English. Language versions other than the one specified above are under the complete responsibility of the Manufacturer or of his Authorised Representative.
b) Any variation to the product, to the technical file or, in the provided cases, to the manual or to the quality control procedures, shall be notified in time to CERTOTTICA.
c) The Manufacturer or his Authorised Representative shall respect the procedures and the regulations provided by CERTOTTICA for the EU Certification.
d) Copies of this Certificate, supplied to third parties, shall be reproduced in their entirety.
e) The present Certificate shall be carefully kept by the Manufacturer to be shown, on request, to the Organism of control or to the Vigilance Administration.
f) The present Certificate remains property of CERTOTTICA, which can ask for it back if some of the above mentioned conditions are not respected.
g) Any subsequent revision of the present document automatically deletes and replaces it from the date of issue of the revised certificate (the start of validity, that is the renewal or revision date included at page 1 of this Certificate).
h) The present document can include only a limited description of the product under certification; for a more detailed description, please refer to the correspondent Technical Documentation.

End of the Certificate

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