

TEST REPORT

2022CO6196

DATE OF RECEPTION

Date Format: dd/MM/yyyy 03/10/2022

DATE TESTS

Starting: 14/10/2022

Ending: 17/10/2022

APPLICANT

KRATOS KOMPOZİT TEKNOLOJİLERİ A.Ş.

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TR-06909 Ankara
Türkiye

Att. Ahmet Onur Koçoğlu

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2022CO6196-S01	GLASS CD-1	GLASS CD-1

TESTS CARRIED OUT

- BALLISTIC RESISTANCE TEST.

Tests marked with * are not included within the scope of the ENAC accreditation.

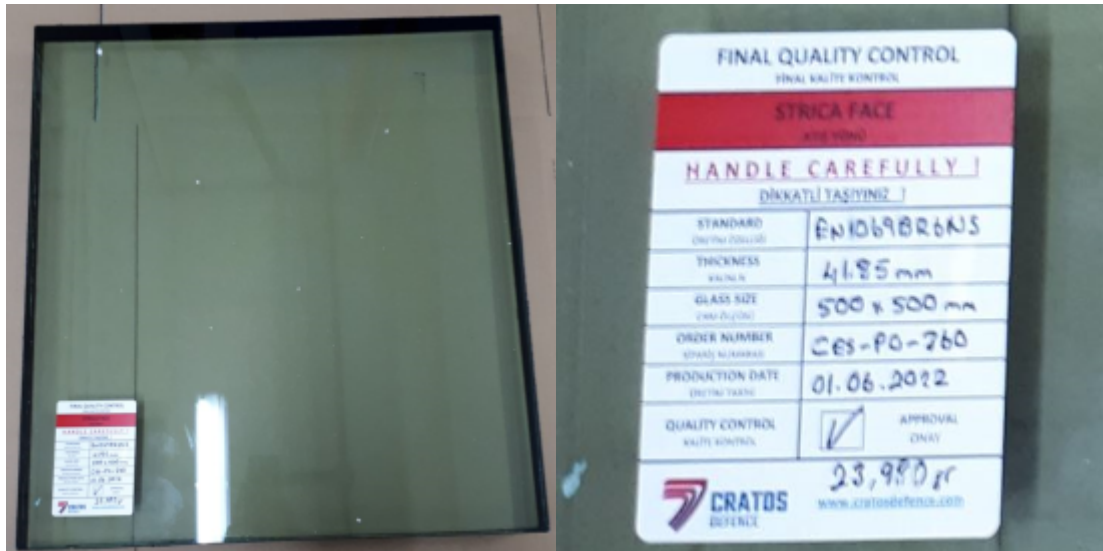




SAMPLE/S DESCRIPTION

Reference

2022CO6196-S01





RESULTS

BALLISTIC RESISTANCE TEST

Standard

EN 1063:1999

Protection level

BR6

Standard deviation

Apparatus

Shooting range 13037IE12

Reference

2022CO6196-S01

Sample description

Glass samples of 500 x 500 mm. Each of the four samples received has a sticker on the strike face.

Information included in the label of each sample:

- Order number: CES-PO-360
- Production date: 01/06/2022

Sample	Weight	Thickness
1	23,97 kg	41 mm
2	24,50 kg	42 mm
3	24,47 kg	42 mm

Strapping arrangement

Fixed to the sample holder with a frame

Witness plateAlluminium foil 0.02 mm thick and 54 g/m² which is 50 cm beyond the armor under test**Impacts position**

According to the standard, the shots are done on the vertex of a triangle.

Velocity measurement

The velocity measurement is made using optical barriers and radar. In the tables of results it is shown the speed at the impact point measured by the optical barriers.

Requirements

There should be no perforation of the sample. Indicate if there is perforation of the witness plate by splinters.

Sample conditioned

More than 24h in test conditions.

Pretreatment

Test conditions

(21.8°C) / (59.4 - 60.8)% R.H.

Date test

17/10/2022

Test uncertainty

± 1.0 m/s in the velocity measurement.

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**TEST RESULT****Test shot distance**

10 m

Caliber

7.62 x 51 mm steel armored with lead core 9.5 g at (830±10) m/s (shot with test barrel)

SPECIMEN 1

POSITION	ANGLE	VELOCITY	FAIR HIT (Yes/No)	PENETRATION	SHRAPNEL ON WITNESS
1	0°	829,8	Yes	No	No
2	0°	832,8	Yes	No	No
3	0°	828,9	Yes	No	No

Caliber

7.62 x 51 mm steel armored with lead core 9.5 g at (830±10) m/s (shot with test barrel)

SPECIMEN 2

POSITION	ANGLE	VELOCITY	FAIR HIT (Yes/No)	PENETRATION	SHRAPNEL ON WITNESS
1	0°	833,0	Yes	No	No
2	0°	840,0	Yes	No	No
3	0°	836,4	Yes	No	No

Calibre

7.62 x 51 mm steel armored with lead core 9.5 g at (830±10) m/s (shot with test barrel)

SPECIMEN 3

POSITION	ANGLE	VELOCITY	FAIR HIT (Yes/No)	PENETRATION	SHRAPNEL ON WITNESS
1	0°	834,8	Yes	No	No
2	0°	834,6	Yes	No	No
3	0°	851,8	Yes	No	No

PROTECTION LEVEL according to UNE-EN 1063:2001

BR6 - NS

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PHOTOGRAPHY

Reference

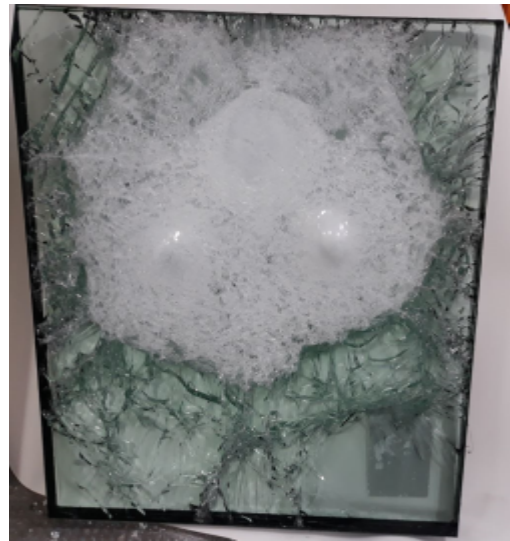
2022CO6196-S01



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**Reference**

2022CO6196-S01



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**Reference**

2022CO6196-S01



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Begoña Picó
Head of Public Tenders Division



Date: 20/10/2022 18:01:44

Digitally Signed by: BEGOÑA PICO MONLLOR -

NIF: 21647435L

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