

BLINDO modular panels are designed for the construction of protective walls for secure rooms and areas containing valuables & in particular high threat perceived facilities.

They are made with steel plate, suitably reinforced to guarantee resistance to methods of forced entry.

The **BLINDO** range provides modular formats of different resistance levels and dimensions:

BLINDO 16 Tested according to standards UNI EN 1627:2011, UNI EN 1628:2011, UNI EN 1630:2011 classed RC5 against forced entry, and standard UNI EN 11431:2012 with GRADE 2 resistance.

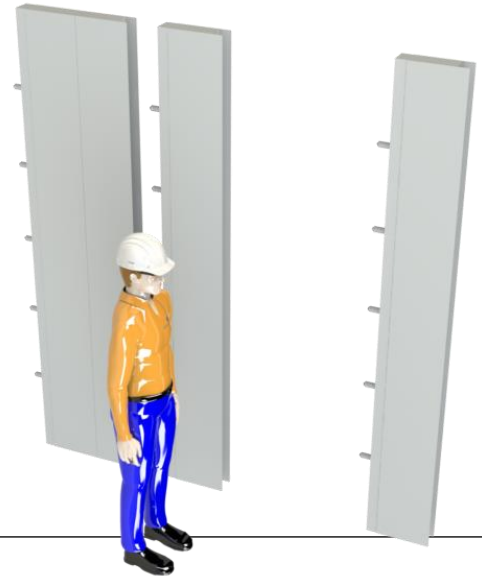
BLINDO 14 Tested according to standards UNI EN 1627:2011, UNI EN 1628:2011, UNI EN 1630:2011 classed RC5 against forced entry, and standard UNI EN 11431:2012 with GRADE 3 resistance.

BLINDO 14 LT Tested according to standards UNI EN 1627:2011, UNI EN 1628:2011, UNI EN 1630:2011 classed RC4 against forced entry, and standard UNI EN 11431:2012 with GRADE 2 resistance.

BLINDO- S Stands for Special Applications that demand customisation. **Tesi** has the capability to design **BLINDO** for unique and specialised applications that a site or situation may demand. These Customised Modular Panels also will conform to the standards demanded by our clients.

Typical applications:

- Bank Safe Vaults/Strong Rooms
- Data Centres
- ATM back rooms
- Jewellers
- Airports
- Control rooms
- Guard House/Security Cabin
- Embassies
- Museums/Art Galleries etc.



Size

- **XL** : Net Transit Clearance 340 x 2700 mm (l x h)
- **L** : Net Transit Clearance 340 x 1115 mm (l x h)
- **M** : Net Transit Clearance 340 x 1050 mm (l x h)
- **S** : Net Transit Clearance 340 x 500 mm (l x h)

Weight

- **16** : 85
- **14** : 80
- **14 LT** : 72





Do find a [Test Link](#) to two tests that were carried out on the **BLINDO**. During the test, the goal was to make an insertion into the **BLINDO** wall in less than 20 minutes using several tools Viz. Blowtorch, Jackhammer, Chisel and so on.

You will find in the Test Link above that it takes more than 35 minutes to break in the wall using those tools.

You can watch the team use a blowtorch to cut the metal, but inside there is a fireproof material and the team had to further use a jackhammer to cut it.

A Few Users:

Leonardo SpA has applied the **BLINDO** to build aircraft hangers for their aircrafts.

Leonardo **S.p.A.**, formerly **Leonardo-Finmeccanica** and originally Finmeccanica, is an Italian multinational company specialising in aerospace, defence and security. Headquartered in Rome, Italy, the company has 180 sites worldwide. It is the eighth largest defence contractor in the world based on 2018 revenues.

Early 2021, **Intesa Sanpaolo** adopted the **BLINDO** to build its Data Center.

Intesa Sanpaolo S.p.A., is an Italian international banking group. It is Italy's largest bank by total assets and the world's 27th largest.





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TECHNICAL REPORT No. 332298

Place and date of issue: Bellaria-Igea Marina - Italia, 21/03/2016

Customer: TESI TECNOLOGIA & SICUREZZA S.r.l. - Via Carlo Cattaneo 2 - 27015 LANDRIANO (PV) - Italia

Date of request: 22/01/2016

Order number and date: 68879, 25/01/2016

Date of assessment: 23/02/2016

Purpose: evaluation of the burglar resistance and classification of a family of strongroom walls according to standard UNI EN 1627:2011

Name of sample*

The sample under evaluation is named "BLINDO 16".

Description of sample*

The sample under evaluation consists of a family of strongroom walls, whose characteristics are reported in the table in the following sheet.

(*) According to that stated by the Customer

Comp. MB Revis. RP	This technical report consists of 3 sheets and 1 annex.	Sheet 1 of 3
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CLAUSES: This document relates only to the sample or material tested and shall not be reproduced except in full without Istituto Giordano's written approval.

Model	Nominal width [mm]	Nominal depth [mm]	Nominal height [mm]
BLINDO 16 - 500	340	86	500
BLINDO 16 - 1050	340	86	1050
BLINDO 16 - 1150	340	86	1150
BLINDO 16 - 2700*	340	86	2700

(*) Model tested for burglary resistance according to standard UNI EN 1627:2011, see test report 331163 dated 29/01/2016 issued by Istituto Giordano S.p.A.; for the purpose of that test report the model was named "PANNELLATURA BLINDATA".

Further details of sample specifications can be seen in the Customer-supplied documentation set out in annex "A" to this technical report.

Normative references

The assessment was carried out according to the requirements of standard UNI EN 1627:2011 dated 16/06/2011 "Porte pedonali, finestre, facciate continue, inferriate e chiusure oscillanti - Resistenza all'effrazione - Requisiti e classificazione" (*"Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification"*).

Method

The family of strongroom walls was subjected to assessment by laboratory experts for extension of results following a thorough examination of Customer-supplied technical documentation according to annex D of standard UNI EN 1627:2011.

The Customer provided the following documentation:

- document "Blindo 16" dated 09/02/2016 with installing instructions;
- document "Accessori" dated 09/02/2016 (7 sheets);
- document "Pannelli MDF" dated 09/02/2016 (4 sheets);
- document "Viteria" dated 09/02/2016 (5 sheets);
- documentation related to "BLINDO 16 - 500" dated 09/02/2016 (6 sheets);
- documentation related to "BLINDO 16 - 1050" dated 09/02/2016 (6 sheets);



- documentation related to "BLINDO 16 - 1150" dated 09/02/2016 (6 sheets);
- documentation related to "BLINDO 16 - 2700" dated 09/02/2016 (6 sheets).

On 28/01/2016 a strongroom wall, named "PANNELLATURA BLINDATA" was tested for burglary resistance according to standards UNI EN 1627:2011, UNI EN 1628:2011 and UNI EN 1630:2011, see test report No. 331163 dated 29/01/2016 issued by Istituto Giordano S.p.A. with classification in resistance class 4.

Results

Model tested	Reference document	Issue date	Models with resistance appraised equivalent
"PANNELLATURA BLINDATA"	No. 331163	29/01/2016	BLINDO 16 - 500
			BLINDO 16 - 1050
			BLINDO 16 - 1150
			BLINDO 16 - 2700

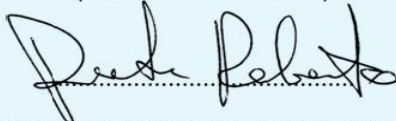
Classification

Based on standard UNI EN 1627:2011, based on evaluation carried out by laboratory expert and based on test reports No. 331163 dated 29/01/2016 issued by Istituto Giordano S.p.A., the sample, comprising strongroom walls, called "BLINDO 16" and submitted by the company TESI TECNOLOGIA & SICUREZZA S.r.l. - Via Carlo Cattaneo 2 - 27015 LANDRIANO (PV) - Italia, results to be classifiable as

RC 4

This technical report alone shall not be considered a certificate of conformity.

The Technician
(Geom. Roberto Porta)



Head of
Security and Safety Laboratory
(Dott. Andrea Bruschi)



Chief Executive Officer
(Dott. Arch. Sara Lorenza Giordano)



Firmato digitalmente da GIORDANO SARA LORENZA

The original of this document consists of an electronic document with a digital signature affixed pursuant to Presidential Decree 513/97.





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ANNEX "A"
TO TECHNICAL REPORT No. 332298

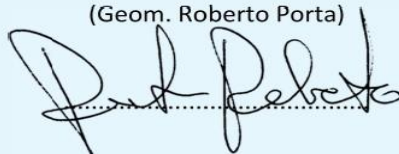
Place and date of issue: Bellaria-Igea Marina - Italia, 21/03/2016


Customer: TESI TECNOLOGIA & SICUREZZA S.r.l. - Via Carlo Cattaneo 2 - 27015 LANDRIANO (PV) - Italia


Subject: Customer-supplied documentation of the sample

The following sheets show Customer-supplied schematic drawings and further technical documentation related to sample.



The Technician
(Geom. Roberto Porta)


Head of
Security and Safety Laboratory
(Dott. Andrea Bruschi)


Chief Executive Officer
(Dott. Arch. Sara Lorenza Giordano)


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This annex consist of 6 sheets.

Sheet
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