

SAFETY



IS A COMPANY CERTIFIED

For personal safety and property defence armoured doors can be certified in anti-housebreaking resistance classes the EUROPEAN standard UNI ENV 1627, UNI ENV 1628, UNI ENV 1629 and UNI ENV 1630, establishes which properties a certified door should have

**GARDESA has certified
in class 4 some of its products**

The doors CLASS 4 guarantee more safety by preventing skilled burglars from entering by means of saws, hammers, hatchets, chisels and battery portable drills.



Door are established to belong to **CLASSE 4** only after a **series of tests** are made at the laboratories of certifying bodies .



The certification of the test that establishes if the products belong to CLASS 2 and CLASS 3 has been issued by the body CSI S.p.A. Bollate (MI)

made in **Italy**



الإدارة والمعرض :-
٢٠ اعمارات العبور - الدور الثاني - صلاح سالم - م. نصر - القاهرة
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www.anfalegypt.com - Email: sales@anfalegypt.com

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Resistance test under static load

The test is carried out with a "load applicator" made up of a hydraulic ram that can exert pressures. The test sample is fixed on special frames where the load is progressively put on different points of the sample for 60 seconds: on the weakest points and near the fixing points (locking system, deadbolts, hinges, etc...). Once the test has been finished, instrumental measurements are taken and the deformations that have occurred are visually checked

Resistance test under dynamic load

The dynamic test simulates physical attacks such as pushing with shoulders, kicking, etc.. The test is carried out with an "impact pendulum" made up of a weight fastened to a steel cable that is dropped from fixed heights. The test sample is fixed on special frames and it is hit by the pendulum in different positions. Once the test has been finished, instrumental measurements are taken and the deformations that have occurred are visually checked.

Resistance test to manual attack

The test sample is fixed on special frames and is continuously attacked by a hypothetical "burglar". The door is attacked in different ways, such as breaking the door down by the side of the hinges, forcing and wrenching the locking system, demolishing and drilling the leaf panel, breaking the door down by the side of the locking system. The operations of opening the leaf and creating an accessible opening are carried out in a limited period of time.

Official
ANTI-
HOUSEBREAKING
test

according to the
UNI ENV 1627

CLASS 4

Test report

n°0011/DC/TTS/01
n°0011a/DC/TTS/01
n°0011b/DC/TTS/01
n°0011c/DC/TTS/01
n°0011d/DC/TTS/01

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