RENSON®
Creating healthy spaces

Conformité des produits Renson

Anti-effraction

Concernant les standards EN 1627 – EN 1630

Les standards EN 1627 à EN 1630 inclus, déterminent la résistance à l'effraction d'éléments de façade.

Procédure de test

EN 1627
Système de classification

EN 1628	EN 1629	EN 1630
Test statique	Test dynamique	Test manuel

De prEN à EN

En Septembre 2011, le standard EN 1627 a été officialisé, après une période de 12 ans avec le standard précédent.

– Il n'y a pas de changement au système de classification fondamental en 6 étapes.
– Il y a un changement dans la dénomination de la classe de résistance.
Dans EN 1627:2011, la dénomination des classes de résistance est uniformisée par "RC" dans toutes les langues.
Le tableau ci-dessous indique la dénomination actuelle et précédente.

	prEN 1627:1999	**EN 1627:2011**
Resistance class	RC	RC
Widerstandsklasse	WK	RC
Weerstandsklasse	WK	RC
Classe de résistance	CR	RC

Conformité

Le BBRI (Belgian Building Research Institute) a effectué des tests sur les grilles et les aérateurs de Renson en vue de déterminer la résistance à l'effraction antérieure à 2011 et en accord avec le standard prEN 1627 à prEN 1630 inclus.

Dans le rapport de conformité émis par le BBRI, le BBRI a pu établir que les éléments testés selon le standard prEN 1627 à prEN 1630 inclus (version 2008 et de mai 2009) sont **aussi résistants à l'effraction selon la classification "RC" de la norme EN 1627:2011.**

Annexe : Conformity report "prEN 1627 to 1630 vs EN 1627 to 1630" : CAR 14381-EN.

Renson® Headquarters
Maalbeekstraat 10 • IZ 2 Vijverdam • B-8790 Waregem • België
Tel. +32 (0)56 62 71 11 • Fax +32 (0)56 60 28 51
info@renson.be • **www.renson.eu**

RENSON®
Creating healthy spaces

prEN 1627 to 1630 vs EN 1627 to 1630

Conformity report

1. INTRODUCTION

At request of Renson NV, represented by Mr. Frederik Losfeld, the BBRI carried out the following conformity report on basis of tests performed in order to determine the burglar resistance of wall louvres and window vents in accordance with prEN 1627 to 1630 (December 2008 / May 2009). This conformity report has the reference CAR 14381-EN.

2. REFERENCES

2.1 STANDARD REFERENCES

[1] EN 1627 « Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification » - June 2011
[2] EN 1628 « Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under static loading » - June 2011
[3] EN 1629 « Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under dynamic loading » - June 2011
[4] EN 1630 « Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance to manual burglary attempts » - June 2011

2.2 TEST REPORTS REFERENCE

[5] Burglar Resistance Test Report CAR 9145/1, August 2009
Wall Louvre Renson 431WK2, welded blades, mounting with not removable screws (800mm x 600mm), resistance class 2
[6] Burglar Resistance Test Report CAR 9145/2, August 2009
Wall Louvre Renson 411WK2 with reinforced blades and threaded rod, frame screwed on side (800mm x 480 mm), resistance class 2
[7] Burglar Resistance Test Report CAR 9145/3, August 2009
Wall Louvre Renson 421WK2 with burglar resistant net, frame screwed on side (800 mm x 500 mm), resistance class 2
[8] Burglar Resistance Test Report CAR 9145/4, August 2009
Window vent Renson AR75/28 (L = 1230 mm), resistance class 2
[9] Burglar Resistance Test Report CAR 9145/5, August 2009
Window vent Renson Invisivent 65-79 (L = 1230 mm), resistance class 2

[10] Burglar Resistance Test Report CAR 10110/1, July 2009
Wall Louvre Renson 421WK2, inox rods ∅ 8 mm, with brackets (980 mm x 600 mm), resistance class 2
[11] Burglar Resistance Test Report CAR 10110/2, July 2009
Wall Louvre Renson 431WK2 (775 mm x 775 mm), resistance class 2
[12] Burglar Resistance Test Report CAR 10232, October 2010
Wall Louvre Renson 421WK2, aluminium rods ∅ 10 mm, with brackets (980 mm x 600 mm), resistance class 2
[13] Burglar Resistance Test Report CAR 11004/1, April 2011
Wall Louvre Renson 421WK2, aluminium rods ∅ 10 mm, with brackets (980 mm x 1000 mm), resistance class 2
[14] Burglar Resistance Test Report CAR 11004/2, August 2009
Wall Louvre Renson 421WK2 without flange, aluminium rods ∅ 10 mm, with brackets (980 mm x 600 mm), resistance class 2
[15] Burglar Resistance Test Report CAR 11004/3, August 2009
Wall Louvre Renson 431WK2 (1000 mm x 1000 mm), resistance class 2

3. CONFORMITY

After a detailed analysis of the several tested wall louvres and window vents configurations ([5] to [15]) and a comparison of prEN 1627 to 1630 (versions of August 2008 and of May 2009) with respectively EN 1627 to 1630 ([1] to [4]), the following conclusions can be made provided that each element is designed as described in the test reports [5] to [15].

In these conditions, we could establish that these elements tested according to the prEN 1627 to 1630 (versions August 2008 and of May 2009) are also burglar resistant in accordance with the class RC 2 of the EN 1627:2011.