CEN/TC 33/WG 7
Burglary resistance

Email of secretary: lina.nordfors@sis.se
Secretariat: SIS (Sweden)

prEN 1627 table 2 and 3 20-05-12

Replaces:	N 486
Document type:	Other meeting document
Date of document:	2020-05-19
Expected action:	INFO
Background:	*Corrected version* *(Corrected to Grade 1 in RC2N for EN 1906 in Table 3)* N472 “prEN 1627 table 2 and 3 20-04-28” with updates agreed at the meeting 2020-05-07. With the updates, the proposal was accepted.
Committee URL:	https://cen.iso.org/livelink/livelink/open/centc33wg7

Proposal for comments prEN 1627 – AT 013, CH 108 and AT 113.

Table 2 – Key related security and table 3 – Attack related security

The hardware standards which are referred to in tables 2 and 3 in the enquiry version of prEN 1627 have been developed since the enquiry version was launched and are today in different stages.

- EN 16867: 2020 is today published in some countries
- Reference is made to prEN 15684:202X (formal vote version) instead of the published version
- An amendment is needed for EN 16867:2020 in order to bring the credential related security in line with prEN 15684:202X
- Yellow marked = New reference EN 16867:2020
- Green marked = proposed changes in order to have consistency between EN 16867: 2020 and EN 1906:2012

Table 2 — Key related security

Hardware component standard	Requirement	RC 1 N	RC 2 / RC 2N	RC 3	RC 4	RC 5	RC 6
EN 1303:2015 cylinder for lock	Digit 7	4	4	5	6	6	6
prEN 15684:202X Mechatronic cylinder	Digit 5[a] or Digit 6[a]	E	E	E[b]	F	F	F
		A	B	B	C	D	D
EN 12209:2016 Mechanical lockcase	Digit 8 key identification (lever lock)	B	B	B	D	E	E
prEN 15685 Multipoint locks (under process)	Digit 8 Mechanical keys	B	B	B	D	E	E
EN 13126-3:2011 Key operated lockable window handle	Digit 7 – 2nd part of digit 7 extension for locking mechanism	2[c]/2	2[c]/2	2/2	2/3	2/3	2/3
EN 16867: 2020 Mechatronic door furniture	Digit 7	A	B	B	D	D	D
EN 16867: 2020 + A1: 202X Mechatronic door furniture	*Digit 7*	*A*	*B*	*B*	*C*	*D*	*D*

Hardware component standard	Requirement	RC 1 N	RC 2 / RC 2N	RC 3	RC 4	RC 5	RC 6

[a] The specified grades may alternatively be achieved by the mechanical (digit 5) or electronic (digit 6) key related security. Mechatronic cylinders do not need to have a mechanical lockwork (EN 15684:2012, digit 5, Grade A). In this case, grade A in digit 6 of EN 15684:2012 fulfils the requirement.

b Mechatronic cylinder with mechanical codes shall have a minimum number of 6 movable detainers (digit 7 level 5 of EN 1303:2015).

[c] Grade 1 (2nd part of digit 7) only if two or more handles are used on a single sash.

Table 3 — Attack related security

Hardware component standard	Requirement	RC 1 N	RC 2 N	RC 2	RC 3	RC 4	RC 5	RC 6
EN 1303:2015 cylinder for lock	Digit 8	A	C	C	C	D	test according to prEN 1630:2019	
NEN 1303:2015 cylinder for locks in combination with EN 1906:2012 lever handle with cylinder and plug pulling protection	Digit 8 of EN 1303:2015	A	A	A	A	B	test according to prEN 1630:2019	
	Digit 7 of EN 1906: 2012	1	2	2	3	4	test according to prEN 1630:2019	
EN 1303:2015 cylinder for locks in combination with EN 16867: 2020 lever handle with cylinder and plug pulling protection	Digit 8 of EN 1303:2015	A	A	A	A	B	test according to prEN 1630:2019	
	Digit 8 of EN 16867: 2020	0	1	1	2	3	test according to prEN 1630:2019	
	Digit 9 of EN 16867:2020	1	2	2	3	4	test according to prEN 1630:2019	
prEN 15684: 202X mechatronic cylinder in combination with EN 1906:2012 lever handle with cylinder and plug pulling protection	Digit 8 of prEN 15684: 2020	A	A	A	A	B	2 and test according to prEN 1630:2019	
	Digit 7 of EN 1906:2012	1	2	2	3	4	test according to prEN 1630:2019	

Hardware component standard	Requirement	RC 1 N	RC 2 N	RC 2	RC 3	RC 4	RC 5	RC 6
EN 1906:2012 Lever handles and knob furniture	Digit 7 Security	1	1	2	3	4	test according to prEN 1630:2019	
EN 12209:2016 Mechanically operated locks and locking plates prEN 15685 Multipoint locks, latches and locking plates: Classification based on one point	Digit 7	3	3	3	4	7a	test according to prEN 1630:2019	
prEN 15685 Multipoint locks, latches and locking plates: Classification based on more than one points	Digit 7	2	3	3	3	5	test according to prEN 1630:2019	
	Digit 9 Security for anti-separation point	2	3	3	3	5	test according to prEN 1630:2019	
EN 14846:2008, Electromechanically operated locks and striking plate	Digit 7 Security	3	3	3	4	7[b]	test according to prEN 1630:2019	
	Digit 9	2	2	2	2	3	3	
EN13126-3:2011 window handle (lockable)	Digit 7 1st part of digit 7: grade for resistance against twisting-off and forcing-off"	2[c]/2 2[c] /1	2 [c] /2 2 [c] /1	2[c] /2 2[c]/1	2/2 2/1	2/3 2/1	2/3 2/1	
EN 16867: 2020 Mechatronic door furniture (According to N0276)	Digit 8	0	1	1	2	3	test according to prEN 1630:2019	
	Digit 9 Security related to EN 1906:2012	1	2	2	3	4	test according to prEN 1630:2019	

Hardware component standard	Requirement	RC 1 N	RC 2 N	RC 2	RC 3	RC 4	RC 5	RC 6

[a] A lock with security class 6 (digit 7) may be used if the drill resistance required in class 7 is provided by the door construction.

[b] A lock with security class 4 (digit 7) may be used if the drill resistance required in class 7 is provided by the door construction.

[c] Grade 1 (1st part of digit 7) Only if two or more handles are used on a single sash.