

Saint-Gobain API BV
Newtonweg 1
3846 BJ Harderwijk
The Netherlands

P.O. Box 1
3840 AA Harderwijk
The Netherlands
T +31 (0)341 474600
F +31 (0)341 474626
E sales@api.nl
www.api.nl

Chamber of Commerce
08015950
BTW NL004318894.B.01

Declaration of Performance 0007-165E

Quick-Lock Cross-Lock

1. Unique identification of product: Quick-Lock® Cross-Lock
2. Identification of the construction product components:
Primary Profiles: Quick-Lock 24/38.
Secondary Profiles: Quick-Lock 15/38, Quick-Lock 24/38, Quick-Lock 24/38
Unipro, Quick-Lock Stepped T-bar 24-60.
Accessories: Cross-Lock connector GS, Light fitting bracket 10 mm, Light fitting
bracket 14 mm, Panel edge profile H8, Panel edge profile H22, Panelstop for
Cross-Lock profile, Panelstop for stepped T-profile 24-60, Splice for stepped T-bar
24-60, Screw 4,2 x 13 waferhead.
3. Intended use: Suspended ceiling substructure component for use internally in
buildings.
4. Manufacturer: Saint-Gobain API BV Newtonweg 1 Harderwijk The Netherlands
www.api.nl
5. Authorized representatives: n.a.
6. System of assessment and verification of performance:
6.1. Loadbearing capacity: System 3
6.2. Reaction to fire: Coil-coated steel system 3, Galvanized steel system 4
6.3. Durability: System 4
7. Harmonized standard covering the construction product:
EN 13964: 2014 suspended ceilings:
7.1. Loadbearing capacity: Tests carried out by NB0432 MPA Dortmund;
NB1153 TNO Delft
7.2. Reaction to fire: Galvanized steel Commission decision 96/603/EC;
Coil-coated steel Commission decision 2010/737/EC: Tests carried out by NB
0679 CSTB RA08-0251,
7.3. Durability: EN 13964 Table 8
8. European Technical Assessment: n.a.

QUICK-LOCK®

Ceiling systems

	7.1 Load bearing capacity						7.2	7.3
	Deflection	Span min/max mm	Admissible bending moment (M _{adm}) Nm	Maximum bending moment (M _u) Nm	Bending stiffness (EI) Nm ²	Notified body	Reaction to fire	Durability
Quick-Lock 15/38	Class 1	1250 / 2500	7,5	18,7	1667	NB0432	Class A1	Class B
Quick-Lock 24/38	Class 1	1000 / 1250	27,0	106,3	1405	NB0432	Class A1	Class B
Quick-Lock 24/38	Class 1	1250 / 2500	13,4	33,5	1404	NB0432	Class A1	Class B
Stepped T-bar 24-60	Class 1	1200 / 1800	18,5	57,1	3419	NB0432	Class A1	Class B

	7.1 Load bearing capacity			7.2	7.3
	Normal service load N	Ultimate load N	Notified body	Reaction to fire	Durability
Cross-Lock connector GS	185,0		NB0432	Class A1	Class B
Light fitting bracket 10 mm	n.a.	n.a.	n.a.	Class A1	Class B
Light fitting bracket 14 mm	n.a.	n.a.	n.a.	Class A1	Class B
Panel edge profile H8	n.a.	n.a.	n.a.	Class A1	Class B
Panel edge profile H22	n.a.	n.a.	n.a.	Class A1	Class B
Panelstop for Cross-Lock profile	n.a.	n.a.	n.a.	Class A1	Class B
Panelstop for stepped T-profile 24-60	n.a.	n.a.	n.a.	Class A1	Class B
Splice for stepped T-bar 24-60	n.a.	n.a.	n.a.	Class A1	Class B
Screw 4,2 x 13 waferhead	n.a.	n.a.	n.a.	Class A1	Class B

9. Declared performances:

Tolerances and dimensions fulfil the requirements as specified in EN 13964 table 2.

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performances point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for on behalf of the manufacturer:



Per-Erik Velin
Managing Director
Harderwijk NL 01-06-2020