

QUICK-LOCK®

Ceiling systems

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Declaration of Performance no 0007-156E

Quick-Lock 24 Corro-Plus EF

1. Unique identification of product: Quick-Lock®
2. Identification of the construction product components:
Quick-Lock 24/38 Corro-Plus EF, HL 19-24 Corro-Plus EF.
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
 - 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: 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.

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9. Declared performances:

	7.1 Load bearing capacity						7.2 Reaction to fire	7.3 Durability
	Deflection	Span min/max mm	Admissible bending moment (M _{adm}) Nm	Maximum bending moment (M _u) Nm	Bending stiffness (EI) Nm ²	Notified body		
Quick-Lock 24/38 Corro-Plus EF	Class 1	1000 / 1250	27,0	106,3	1405	NB0432	Class A1	Class C-D*

	7.1 Load bearing capacity				7.2 Reaction to fire	7.3 Durability
	Fixation distance mm	F _{ef} 0,8mm N	F _{ef} 4mm N	Notified body		
HL 19-24 Corro-Plus EF	250	39,0	154,0	NB1153	Class A1	Class C-D*

Corro-Plus fulfils class C4 requirements according EN12944.

* Suitability for specific Class D situations to be based on expert judgement (EN13964 table 8).

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 18-12-2020