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BENGglas B.V.
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Reference

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Date

14-02-2025

Tel.: 0499 339 500

Subject: European Regulation with regard to vacuum insulating glass units for building, update Jan 2025

Dear Mr. Creutzberg,

On the 9th of February BENGglas B.V. asked TÜV NORD Nederland B.V. to provide an update on the status of European regulations applicable to vacuum insulating glass units for buildings.

After review of the harmonized European standards and European assessment documents under the Construction Products Regulation (CPR), REGULATION (EU) No 305/2011 for the product vacuum insulating glass units we come to the following summary:

Current references (14-02-2025):

- There *does not* exist a harmonised European standard on vacuum insulating glass units.
- The harmonised European standard for insulating glass units EN 1279-5:2018 *excludes* vacuum insulating glass in the scope of EN 1279-1:2018.
- In November 2024 a new European Assessment Document was cited in the OJEU that enables CE-marking on vacuum insulating glass units as therein described.
Reference: EAD Document: "EOTA - EAD 300021-00-0404 February 2019 – European Assessment Document for Vacuum insulating glass units". OJEU: Decision (EU) 2024/2904 (14-11-2024).
Status: *Cited*.

Conclusion:

- CE marking of vacuum insulating glass units *is not* compulsory.
- CE marking of vacuum insulating glass units *is allowed* under EAD 300021-00-0404. *Not* compulsory.

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Complement:

There do exist ISO standards specifically written for vacuum insulating glass units, used globally:

- ISO 19916-1:2018 Glass in building - Vacuum insulating glass - Part 1: Basic specification of products and evaluation methods for thermal and sound insulating performance.
- ISO 19916-3:2021 Glass in building - Vacuum insulating glass - Part 3: Test methods for evaluation of performance under temperature differences.

A manufacturer *may* issue a declaration or often named "Certificate of Conformity" with reference to above mentioned ISO 19916 standards, for their product. *Not* compulsory.

Yours sincerely,



Remco de Bode

Senior Inspector Product Safety

Annex(es): - (none)