EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 13830:2015+A1:2020/AC

May 2022

ICS 91.060.10

English version

Curtain walling - Product standard

Façades rideaux - Norme de produit

Vorhangfassaden - Produktnorm

This corrigendum becomes effective on 11 May 2022 for incorporation in the official English version of the EN.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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1 Modifications to Annex D, "Characteristics and range of direct application"

In Table D.1, row 4.12, last column, the table formatting has been corrected to make the full text after "Profiles" *visible. In row 4.13, last column, the table formatting has been corrected to make the full text after* "b) Rules for vertical flanking transmission" *visible. These two rows now read as follows:*

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4.12	Direct airborne sound insulation	EN ISO 717-1	EN ISO 10140-2	Non-destructive			Glazing: Test results on airborne sound insulation of a complete façade element can be transferred to a façade element with a different glazing configuration if the new glazing has a sound insulation equal or higher than the glazing in the tested element. Sound insulation of the glazing shall be derived from acoustic tests on a test specimen (in dimensions 1,23 m × 1,48 m) acc. to EN ISO 10140-2 together with the rules from EN 12758. Panels: Test results on airborne sound insulation of a complete façade element can be transferred to a façade element with a different panel configuration if the new panel has a sound insulation equal or higher than the panel in the tested element. Sound insulation of the panel shall be derived from acoustic tests on a test specimen (in dimensions 1,23 m × 1,48 m) acc. to EN ISO 10140-2. Profiles: Test results on airborne sound insulation of a complete façade element can be transferred to a façade element with a different profile (mullion/transom) configuration if the new profile has a sound insulation ($D_{n,e,w}$ ($C;C_{tr}$)) equal or higher than the profile in the tested element. Sound insulation of the profiles shall be derived from acoustic tests acc. to EN ISO 10140-1, EN ISO 10140-2, EN ISO 10140-3, EN ISO 10140-4 and EN ISO 10140-5 on test specimen with profile length of 1,48 m ± 10 % (for those tests the glazing shall be substituted by a highly sound insulating material of equal thickness).

4.13	Flanking sound transmission	EN ISO 717-1	EN ISO 10848-1 and EN ISO 10848-2	Non-destructive			Glazing: Test results on flanking sound insulation of a complete façade element can be transferred to a façade element with a different glazing configuration if the following rule holds: The internal glass pane of the new glazing has a sound insulation equal or higher than the internal glass pane in the tested element. Sound insulation of the glazing shall be derived from acoustic tests on a test specimen (in dimensions 1,23 m × 1,48 m) acc. to EN ISO 10140-2 together with the rules from EN 12758. Transfer rules for different sizes: a) Rules for horizontal flanking transmission The tests of horizontal flanking transmission acc. to EN ISO 10848-2 shall be made on samples with a total height of at least 2,3 m and a total width (in emission and sending room) of at least 2 axis or alternatively 3,0 m. The common coupling length (= height for horizontal flanking transmission) between façade element and party wall shall be stated within the documentation of the test on flanking sound insulation. The transfer to a façade configuration with a different height shall be made according to the calculation rules laid down in EN 12354-1. b) Rules for vertical flanking transmission The tests of vertical flanking transmission acc. to EN ISO 10848-2 shall be made on samples with a total width of at least 2 axis or alternatively 3,0 m and a total height (in emission and sending room) of at least 2,3 m. The common coupling length (= width for vertical flanking transmission) between façade element and party floor shall be stated within the documentation of the test on flanking sound insulation. The transfer to a façade configuration with a different width shall be made according to the calculation rules laid down in EN 12354-1.

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