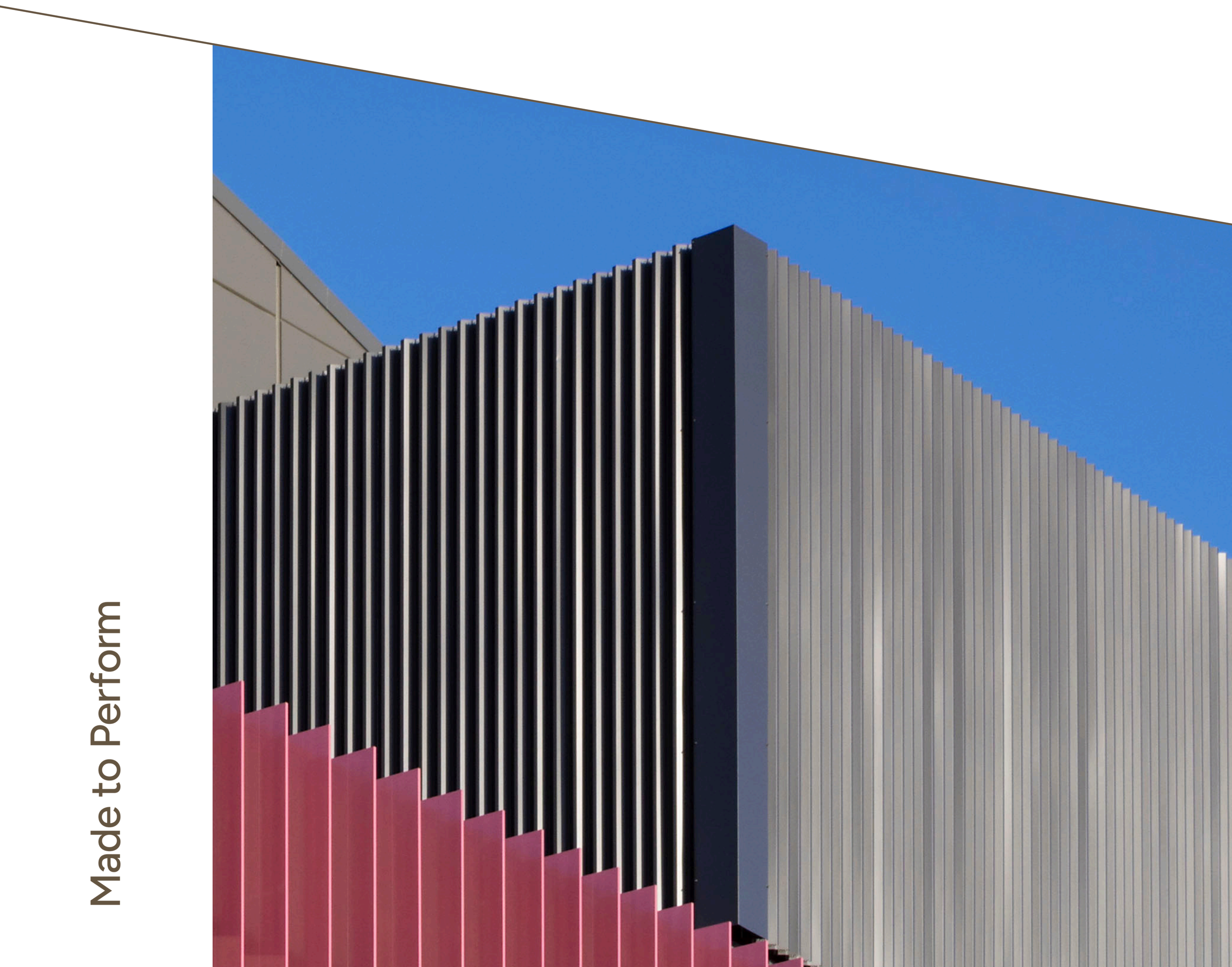
Louvreclad®
architectural exteriors

General Louvre Definitions and NCC Categories



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The following proposed general definitions relate to the louvre categories referenced in NCC 2022 Volume One, J6D5(4)(d). They are provided for clarification and are not formal NCC definitions.

Single-stage
A louvre with one blade stage, or bank, which may incorporate rain-catching and drainage features.

Typical application: Where some wind-driven rain defence is required, typically targeting at least Class C under AS 4740:2025.



Single stage/bank with rain catching features

Two-stage
A louvre with two successive blade stages, or banks, either separately assembled or integrated into a single chevron profile.

Typical application: Where enhanced protection against wind-driven rain, typically targeting Class A or Class B rain resistance under AS 4740:2025.



Two separate single stages



Two integrated single stages into chevron



Two separate stages Horizontal and Vertical

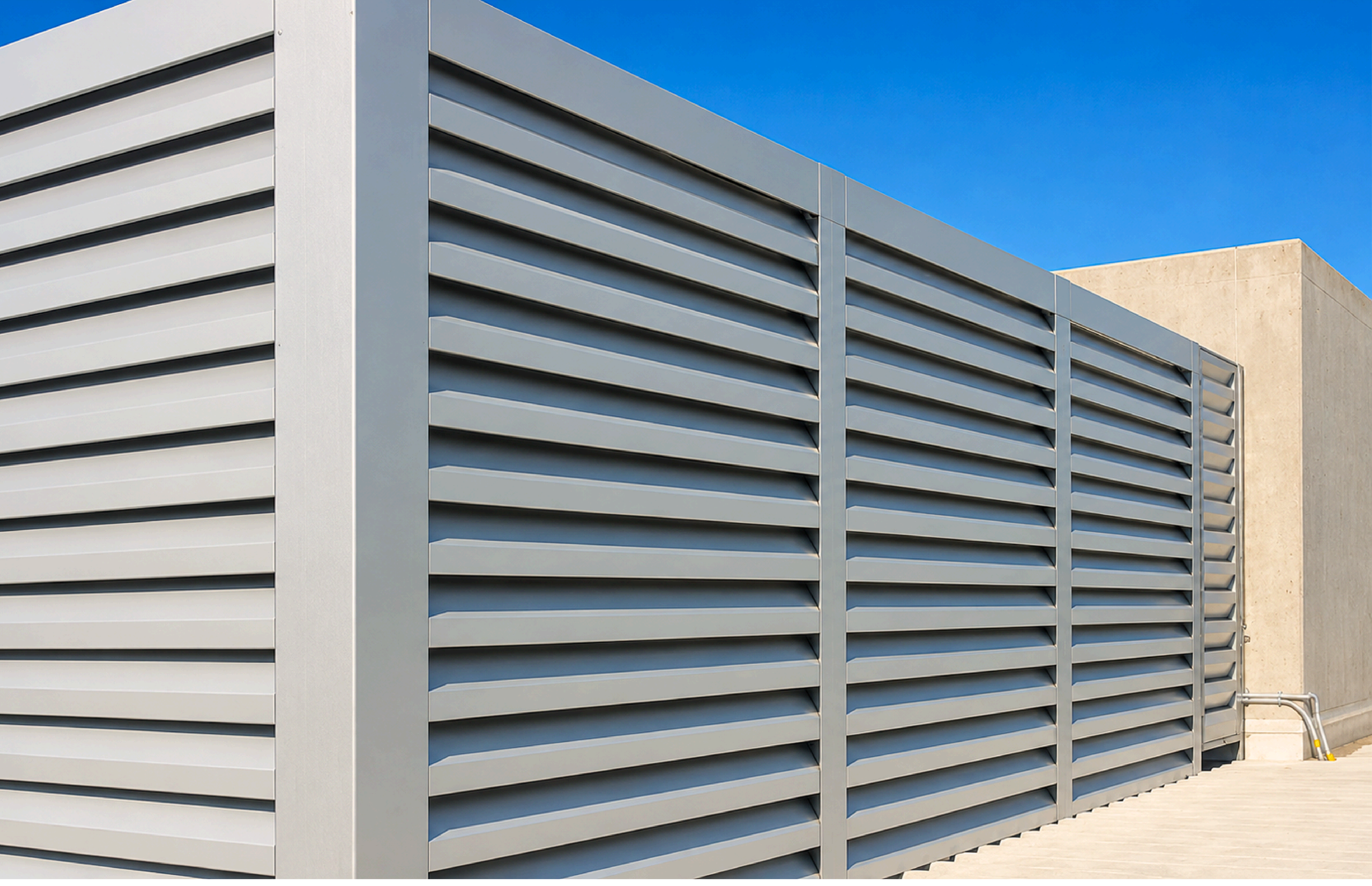


Two separate stages: Single stage and two integrated single stages into chevron (also known as triple stage)



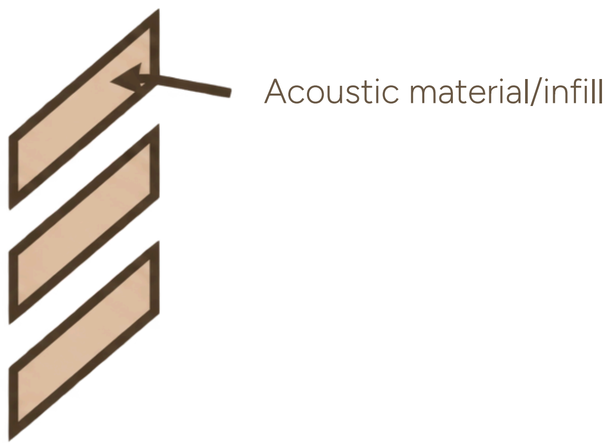
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Acoustic
A louvre incorporating purpose-designed sound-absorbing materials or acoustic treatments to attenuate noise transmission.

Typical application: Where enhanced noise attenuation is required.



Other non-weatherproof
A louvre intended for ventilation or screening, without specific provision for rain exclusion, although incidental rain resistance may occur.

Typical application: Where screening, airflow and free open area are the primary requirements, typically using architectural swaged, open blade screens or similar arrangements.



Application note: These categories may overlap. For mechanical ventilation intakes subject to J6D5, pressure-drop compliance must be demonstrated at the design airflow. Free open area alone does not establish compliance.

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