

AIR PENETRATION-RESISTANT GRILLES

Merford AIR grilles are protective ventilation grilles. The shape of the slats and their arrangement make the insertion of objects impossible.

This guarantees safety in areas such as transformer installations, whilst also providing the right amount of ventilation.



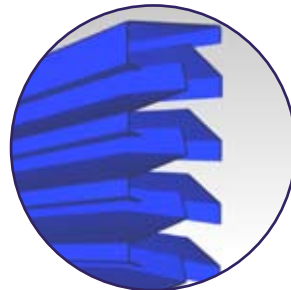
Applications

Penetration resistant ventilation grilles are used whenever both ventilation and protection are required for people, animals, equipment and/or machinery. The ventilation is usually intended for the cooling of installed equipment, or for air circulation in the space behind the grilles. The grilles defend against penetration by objects, rain or splashing water, thereby offering protection to the objects and/or equipment placed behind the grilles. Merford protective ventilation grilles (AIR) satisfy the requirements set by all energy providers in the Netherlands. AIR grilles are suitable for areas such as:

- High, medium and low-voltage areas
- Telecom rooms
- Parking garages



AIR 28



AIR 52

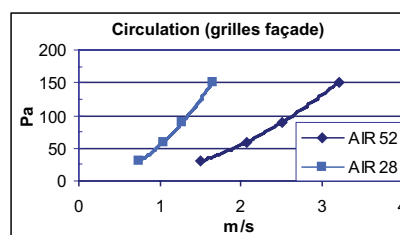
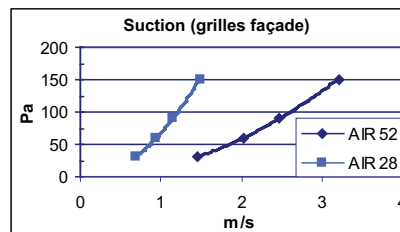
Ventilation

Dimensions

	AIR 28	AIR 52
Net permeance	28%	50%
Thickness (mm)	33	72
Min. dim. (mm)	B = 300, H = 310	B = 300, H = 310
Max. dim.(mm)	B = 2850, H = 3010	B = 2850, H = 3010

Composition

AIR grilles are available in Sendzimir galvanised steel, stainless steel and aluminium.



AIR GRILLE 28 / 52

Ventilation without penetration by objects, snow or rain

FEATURES

- Penetration resistant
- Rain and snow-proof
- Anti-burglary/vandalism
- Fully earthed
- Meets power-company guidelines

APPLICATIONS

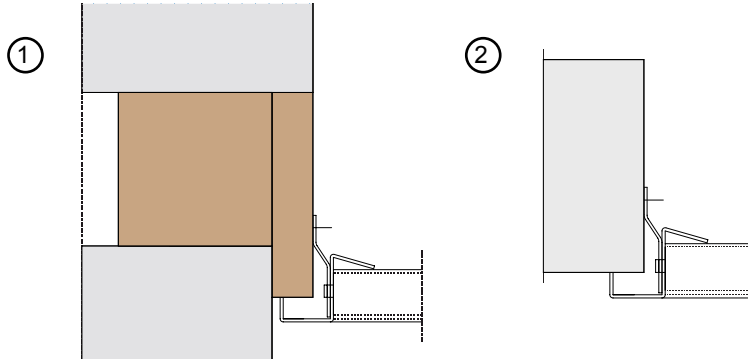
- Indoor or free-standing transformer rooms
- High, medium and low-voltage areas
- Telecom rooms
- Parking garages





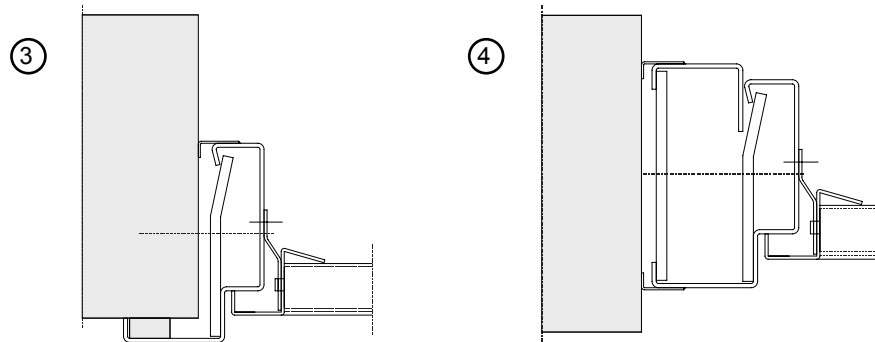
Installation

Merford penetration resistant ventilation grilles can be easily installed in construction situations (such as recesses) that include a wooden temporary frame (1). They can also be installed directly in a concrete recess (2). All penetration resistant ventilation grilles also come ready for installation in Merford transformer doors/grille doors and transformer façades/façade grilles. Lower façades can also be placed in a corner frame (3) or block frame (4).



Custom doors

Merford offers a wide range of custom solutions in terms of shape, size and fittings. Please contact us for more information.



Quality

Merford manufactures according to the quality standards of the VMRG (the Dutch Association of the Metal Windows and Façades Sector). All product-specific features can be demonstrated by a valid certificate.

Guarantee

Five-year guarantee on construction
Five-year guarantee on lacquering (finishing)

Disclaimer

The recommendations in this product information leaflet have been made as fully and correctly as possible, however they are not a guarantee. If in doubt, please consult one of our specialists



AIR grilles Waterschap Rivierenland