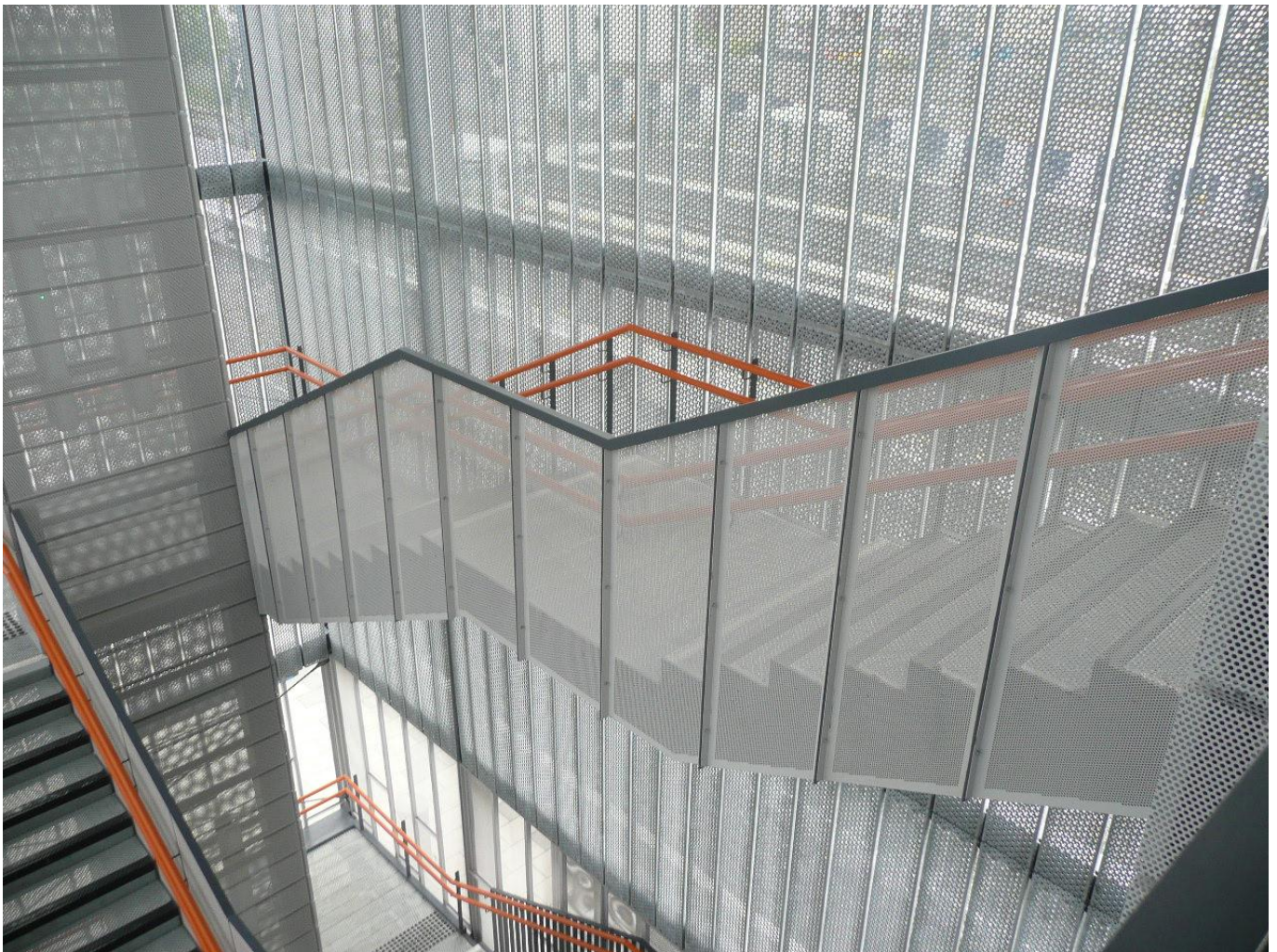


## Why use “Perforated Metal” Instead of “Glass” during a construction project?

During a construction project, the question of using glass or perforated metal may be asked. Beyond purely personal or aesthetic reasons, perforated metal has a wide range of practical and technical advantages that should be considered when making the decision to use perforated metal over Glass. These are in particular:

- **Design:** The ability to produce strong, durable, lightweight panels in complicated shapes is an important consideration.
- **Installation:** Perforated panelling is light but not fragile therefore making installation easier, safer and therefore cost effective.
- **Vandalism prevention:** Due to its strong durable nature, perforated metal is resistant to vandalism. Where graffiti is a problem, perforated panels are less likely to be targeted, especially with perforations of high open area.
- **Maintenance:** Perforated panels do not show dirt in the same way that glass does and therefore maintenance costs and upkeep are reduced.
- **Protection from the sun:** Perforated metal shades the sun and eliminates green house effect.
- **Weather resistance:** Perforated panels are excellent at shielding against adverse weather conditions without stopping the airflow. The holes create localised turbulence as the air passes around the individual perforations, causing a substantial decrease in wind velocity. Consequently **a more gentle air flow passes through the building** in stormy conditions **helping prevent rain from travelling sideways**. Thus the building is comfortable enough to allow people to shelter without creating an environment for loitering or anti-social activities. Unlike solid materials perforated metal clad buildings cut down turbulence by virtue of their porous nature. (see example photo below in a train station)



More information can be found on the Europerf website – [www.europerf.org](http://www.europerf.org)



*“Europerf is the Association of the European metal perforating industry. Founded in 1962, Europerf represents the interests of some 27 companies active in 13 countries in the European Union and beyond. Europerf acts as the forum for the European metal perforating industry, with the aim of providing information on and promoting perforated metals and their various applications.”*