

Title (en)
Spandrel panel.

Title (de)
Fassadenverkleidungspaneel.

Title (fr)
Panneau de revêtement de façade.

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Application
EP 89202788 A 19891103

Priority
NL 8802702 A 19881103

Abstract (en)
The invention relates to a spandrel panel (1). The spandrel panel according to the invention comprises: a transparent plate (2), for example of biased or hardened float glass with sun-reflecting properties, a foil (3), for example aluminium foil, arranged on one side of that plate, a layer of mastic (4) arranged on the edges of the plate (2) and forming a barrier with little permeability to water vapour and gases and also forming an adhesion between the plate and the foil, a water vapour and/or gas absorbing element (6) which can be embodied as a molecular sieve present in the space (5) enclosed by that plate (2), that foil (3) and that mastic edge (4), and a non-transparent covering layer (7) applied to the plate (2) and adjoining that space (5), for example of metal and/or metal oxide, wherein the water vapour and/or gas absorbing element (6) can be applied as powder spread such that a spread, local, direct contact can exist between the covering layer (7) and the foil (3). Through this very simple construction it is possible to influence with great accuracy and, in the design phase, select a number of essential parameters. This relates to the transmission of visible light, the transmission of the total solar spectrum and the so-called K-value which forms a measure of the heat resistance formed by the panel.

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CPC (source: EP)
E04C 2/54 (2013.01)

Citation (search report)
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