

Stainless steel for lift applications

The user's impression of a lift system is guided first and foremost by the look of the doors and the lift cars themselves. Attractive design here, combined with tough, resistant surfaces, plays a big part in making people feel comfortable. A popular choice is stainless-steel sheet in a range of surface finishes, such as matt, brushed, mirror-polished or patterned. Various other specialised surface treatments, such as bead-blasting, acid-etching and colouring, extend the options for creative designs.



Because of its neutral appearance, stainless steel harmonises well with other materials.



In external applications, like here as cladding on a lift in a Spanish holiday development, stainless steel proves to be a cost-effective choice because of its good weather resistance and easy maintenance.

Photos: ThyssenKrupp Elevator AG, Düsseldorf, D (top), ThyssenKrupp Steel AG/KarstenEnderlein, Duisburg, D (bottom left), Steel Color Spa, Pescarolo ed Uniti, I (bottom right)



The lift in Palazzo Thiene in Vicenza is clad with blue-coloured stainless steel (grade: 1.4301). A combination of mirror-polished and silk-matt surfaces was used.



The cabin cladding of patterned, rolled stainless steel (2W) at the University of Vaduz blends well with the rubble masonry of the lift-shaft walls.

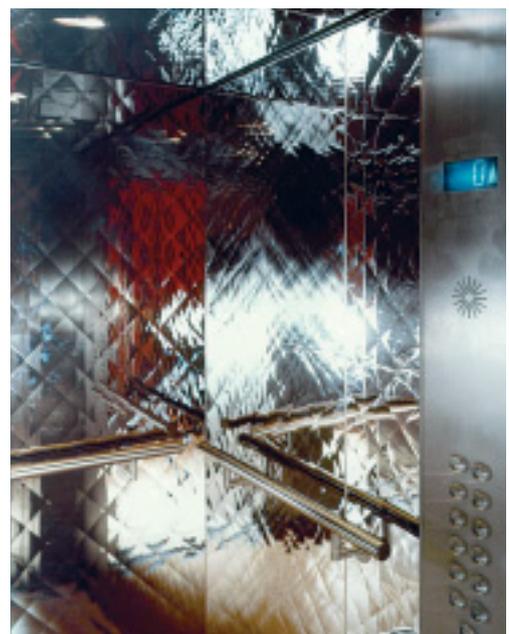


The large 'E' on this lift door, signifying ground floor, in an office building in Germany, is achieved through selective bead-blasting of cold rolled stainless steel (2R).

Wall and floor surfaces of stainless steel are both durable and resistant, while mechanically polished and in particular patterned surfaces are also resistant to dirt and easy to maintain. These characteristics offer significant advantages in heavily frequented public

buildings. Stainless steel fittings in the lift – signs and display panels, mirrors and hand-rails – lend quality and style to the interior while engendering a feeling of safety and comfort.

Mesh (left) and patterned surfaces (right) in stainless steel enable new and imaginative ideas in lift car design.



Photos: Heinz Preute, Vaduz, FL (top left), Designfactory, Sachsenheim, D (top right), GKD, Düren, D (bottom left), Otis GmbH & Co. KG, Berlin, D (bottom right)