

SL30[®]

Slim-framed steel profile system
for internal glazed doors and screens



MHB 

DUTCH MASTERS OF STEEL SINCE 1667

ON THE EDGE DESIGN

Perfection



MHB, a “Design & Build” façade company, was formally established in 1938 with roots dating back to the 1600s. We develop and produce high quality steel facades, doors and windows and our products are installed worldwide through successful collaboration with carefully selected international partners.

With more than 75 years of experience in façade engineering, we place a strong emphasis on innovative and aesthetic solutions. The result is a range of products that combine superior technical characteristics with outstanding elegance.

We enjoy creating the right solutions for our customers.

“SL30® systems combine superior technical characteristics with outstanding elegance.”

Pure light



ON THE EDGE GE DESIGN

Minimal steel



The MHB sharp-edged steel profiles allow us to create ultra-slim windows and doors. The combination of the inherent strength of steel with smart design gives architects the freedom to be creative with large glazing areas.

The SL30® is specially designed for architects to enjoy the freedom to incorporate tall and very thin-framed glazed doors and walls into their schemes.

The very thin 30 mm - 1 1/4 inch - sightline of the SL30® profile integrates perfectly into the design of a building, being almost invisible or enhancing the features of a building by playing with lines, colors and geometry.

Thanks to the focus on innovative and aesthetics solutions the SL30®-system combines superior characteristics in terms of strength, smoke and fire proofing, and outstanding elegance.

Industrial design or style of the 1930s, the SL30®-system is a perfect match!

Youth Centre, Amsterdam

Pure design

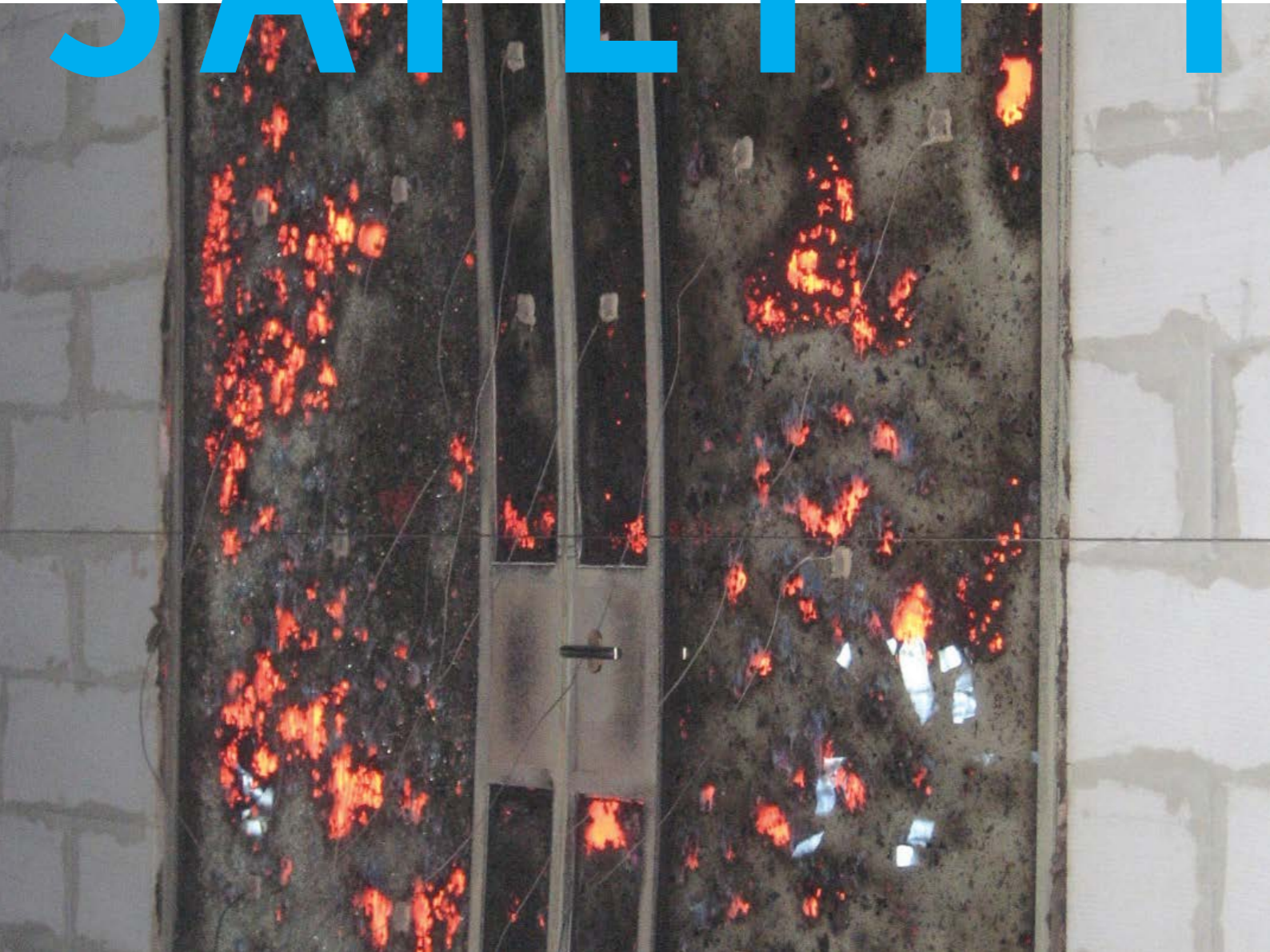
Youth Centre, Amsterdam



Office building, Noord Brabant

SAFETY IN DESIGN

Innovation



Fire Resistance UK

The MHB SL30® -system has been extensively fire tested to BS476: Part22:1987. The fire tests have demonstrated that the SL30® glazed door assemblies and glazed screens satisfy the fire resistance criteria as follows:

- Integrity: 30 minutes and 60 minutes, as appropriate.
Insulation: 30 minutes, depending on the fire resisting glass type installed (partially insulated door assemblies) and 30 or 60 minutes for glazed screens, as appropriate.

Smoke Resistance UK

Door assemblies constructed using the MHB SL30® system have been tested for smoke resistance to BS476: Part 31.1 and satisfied the test criteria for 30 minutes and 60 minutes, as appropriate. Therefore the door assemblies can be classified either as FD30S or FD60S.

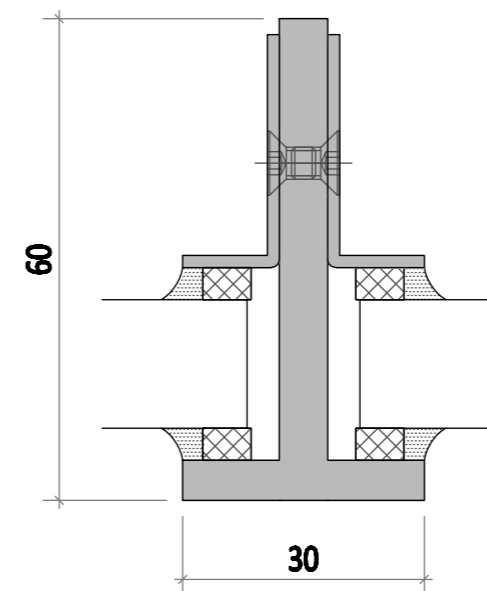
Fire Resistance EU

The MHB SL30® system is tested and certified in accordance with EN 1634-1 for doors and EN 1364-1 for glazed screens.

Classification in accordance with NEN-EN 13501-2
Single and double leaf doors: EW30, EI230, EW60, EW90, and EW120
Glazed screens: EW30, EI30, EW60, EI60, EW90 and EW120

Smoke Resistance EU

The MHB SL30® has been extensively tested and certified in accordance with EN 1634-3.
Classification in accordance with NEN-EN 13501-2:Sa (smoke at ambient temperature) and S₂₀₀ (Smoke at 200 degrees Celsius).

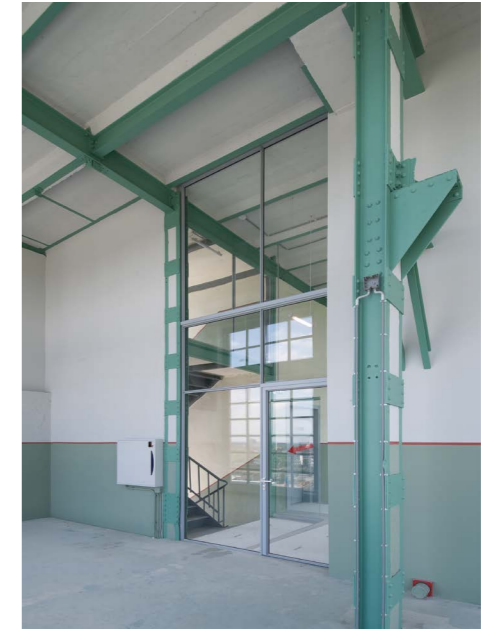


Noise reduction UK and EU

MHB sound-insulating doors and screens meet the latest standards and were recently tested by Peutz. MHB has sound-insulating doors with Rw values up to 43 dB for doors and up to 47 dB for glazed screens; all of these are certified by Peutz in accordance with ISO 10140-2: 2010. With our special calculation tool we are able to predict the sound-insulation of virtually every customer specific configuration, please contact us.



Nedinsco, Venlo



Industrial design

Nedinsco

This listed monument, originally a periscope factory, has been stripped to the bare walls and transformed into a complex sheltering living as well as working accommodation. MHB fitted 220 m² of partition walls and doors. The incoming light from the outside keeps flooding through the SL30® glass divisions throughout the whole height of the building.



Corporate design

Police office, Elst
SL30® glass partition walls and doors in the Forensic Investigation Office, in Elst. Transparency is the key feature.



ON THE EDGE DESIGN

Stylish



Private Residence, 't Gooi





Homely

Private house, Zeeland

Bespoke design: divided lights for the doors and round windows.
The warm atmosphere is enhanced by the choice of the elegant
SL30® profile series.

Pure delight



Private residence, 't Gooi
Wellness area



Restaurant The Hunting Lodge,
Rozendaal



Hotel, Roermond



Office atrium, Waalre



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