

# ARCHITECTURE

## HOT EXTRUDED SPECIAL STEEL PROFILES FOR FAÇADE AND CONSTRUCTION



### + CREATIVITY

TAILOR MADE PROFILES IN ORDER TO SATISFY THE INDIVIDUAL DESIRE OF STYLE. CREATIVITY IS AN ATTITUDE. IT IS A MINDSET.

IT IS THIS ATTITUDE THAT DRIVES THE DESIRE IN ONE TO PRODUCE SOMETHING NEW RATHER THAN REPRODUCE EXISTING TRIED AND TESTED IDEAS.

### + DIVERSITY

INNOVATIVE SOLUTIONS FOR AMBITIOUS ARCHITECTS. FOR PLANNERS AND ARCHITECTS THE WIDE-RANGING SPECTRUM OF HIGHLY DIFFERENTIATED PROFILE GEOMETRIES OPENS UP AN ALMOST INFINITE NUMBER OF POSSIBLE FORMS.

## KEY ADVANTAGES

- Heat resistance
- Durability
- Sustainability
- Appearance
- Finishes



### QUICK FACTS

- ✓ Tailor made profiles
- ✓ Seamless and complex shapes
- ✓ Solid and hollow sections
- ✓ Very high design flexibility
- ✓ Small volume production
- ✓ Midsize to large profiles
- ✓ Low tooling cost
- ✓ Prototyping possible

### ACHIEVEMENT

- ✓ Different thickness within the same section
- ✓ Integration of grooves
- ✓ Hollow profiles for lighter structures
- ✓ Hollow profiles for water heated curtain walls

## MATERIALS

CARBON STEEL  
STAINLESS STEEL  
DUPLEX STEEL  
TITANIUM

## DIMENSIONAL CAPABILITIES

- **MATERIAL THICKNESS:** min 4 mm
- **SIZE RANGE:** fit in a circle of max Ø255 mm
- **INSIDE DIAMETER FOR HOLLOW PROFILES:** from 20 mm to 160 mm
- **WEIGHT PER METER:** from 1.5kg/m to 110 kg/m
- **LENGTH:** max. 16.800 mm, depending on profile cross section and weight per meter
- **TOLERANCES:** depending on profile cross section and material

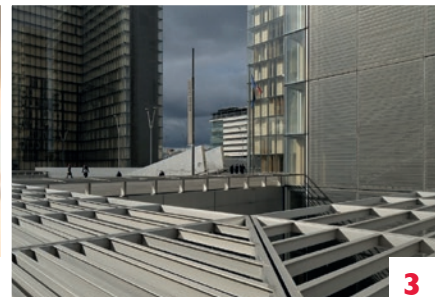
# CASE STUDIES



1



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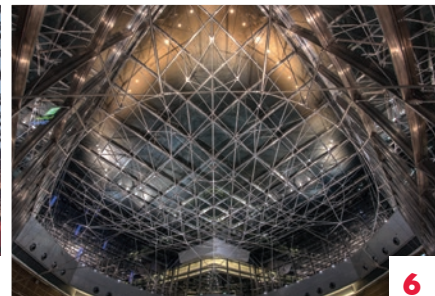
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### 1 REICHSTAG DOME

Location: Berlin  
Year: 1992  
Architect: Norman Foster

### 2 FREEDOM TOWER

Location: New York  
Year: 2006-2012  
Architect: David Childs Skidmore

### 3 BIBLIOTHÈQUE DE FRANCE

Location: Paris  
Year: 1994  
Architect: Dominique Perrault

### 4 UNIQUA TOWER

Location: Vienna  
Year: 2005  
Architect: Neumann

### 5 HANGAR 8, SALZBURG

Location: Salzburg  
Year: 2003  
Architect: V. Burgstaller

### 6 ORCHARD ROAD

Location: Singapore  
Year: 2015  
Architect: Raymond Woo

**HOT EXTRUDED**  
SPECIAL STEEL PROFILE



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