

# **ah! Noble Metals**

# ah! INMM

## introduction

Without any state of the art precedent when it comes to minimal windows, **ah! Noble Metals** will feature materials such as stainless and carbon steel and architectural bronze, allowing numerous architectural solutions. With the same ah! geometry, **ah! Noble Metals** presents slim high performing profiles with increased mechanical strength. The sliding system was developed to offer not only excellent acoustic and thermal insulation but according to the inherent characteristics of the different metals it can also be appropriate to the roughest environments or the most sophisticated designs.

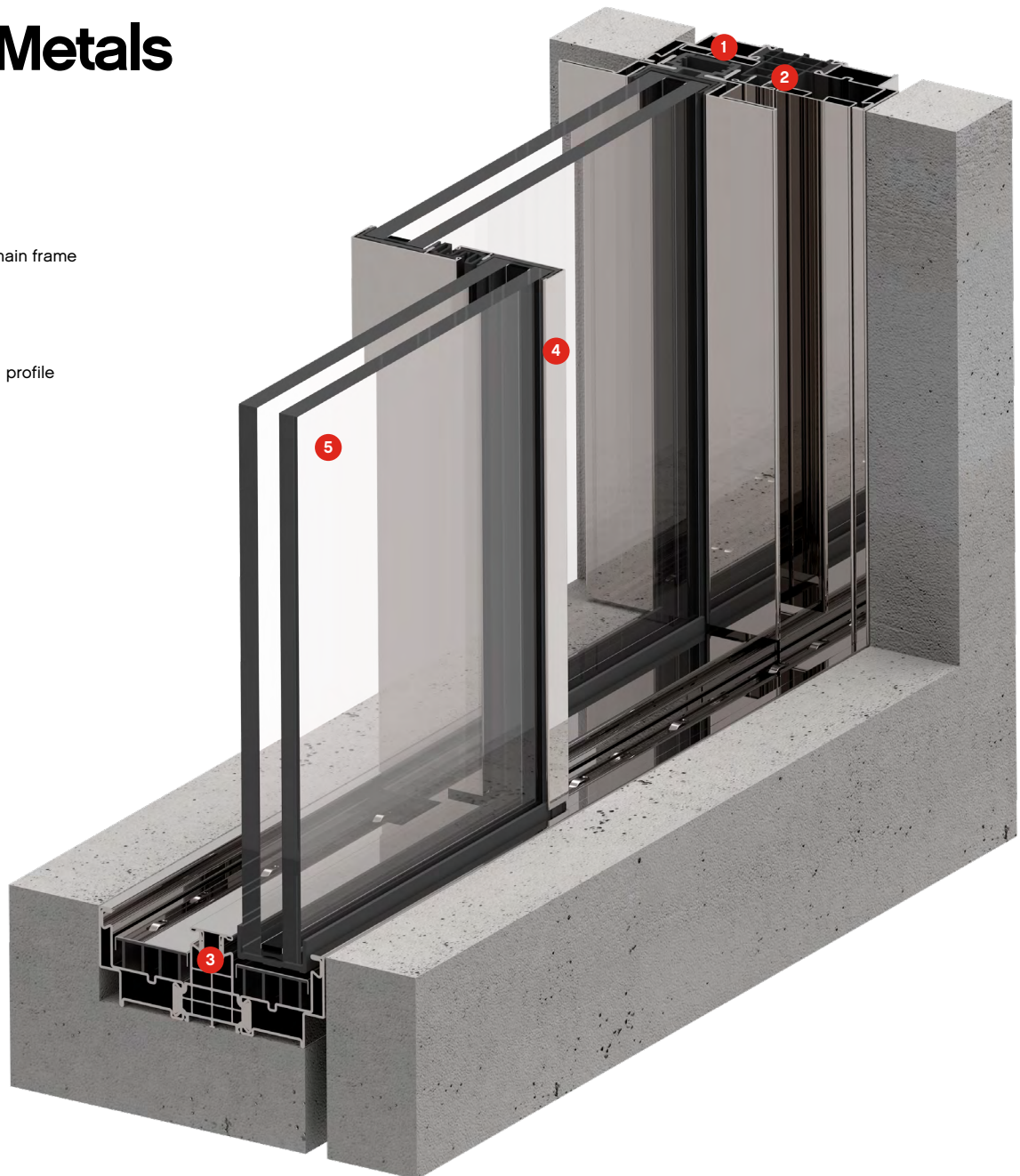
	sliding system							opening system	
	fixed	sliding	invisible	pocket	corner	curved	vertical	tilt-turn	pivot
monorail	•		•	•	•	•	•		
birail	•	•	•	•	•	•	•	•	•
multirail	•	•	•	•	•	•	•		

main dimensions up to	
vertical profile	20mm
max. leaf height	6000mm
max. leaf width	6000mm
max. weight	up to 2.000kg / glass pannel
max. glazed area	double glazing up to 19m <sup>2</sup>
	triple glazing up to 6m <sup>2</sup>
glass thickness	38mm

performance up to	
light transmission	up to 98%
thermal coefficient	double triple Uw = 1.222W/m <sup>2</sup> .K (Ug = 1.0W/m <sup>2</sup> .K) Uw = 0.745W/m <sup>2</sup> .K (Ug = 0.47W/m <sup>2</sup> .K)
security	RC4 / WK4
sound insulation	41dB
water tightness	Class E900
air tightness	Class 4
wind tightness	Class C5

# Noble Metals

- 1 ah! Noble Metals main frame
- 2 polyamide
- 3 removable bearing profile
- 4 central mullion
- 5 glass



## metals available

### stainless steel

Has a passive layer that protects the steel from corrosion. That protection allows stainless steels to function in wet environments without rusting. It is long lasting and functional.

### architectural bronze

It's a metal alloy of different metals that contribute with various qualities, combining stability, strength and longevity. It is a living material, subject to a natural oxidation or weathering.

### carbon steel

Carbon steel is an iron-carbon alloy, which contains up to 2.1 wt.% carbon. It's dull, with a matte finish and wear-resistant.

### corten steel

Also known as weathering steel, corten steel develops a protective layer on the metals surface which slows down corrosion. This is an extremely robust metal, providing high structural strength.

## finishes available

blasted

brushed

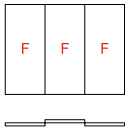
polished

aged

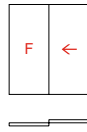


horizontal sliding system > birail

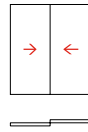
multiple fixed panels



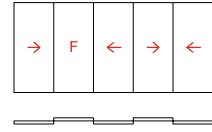
fixed + sliding



double sliding



sliding + fixed + multiple sliding

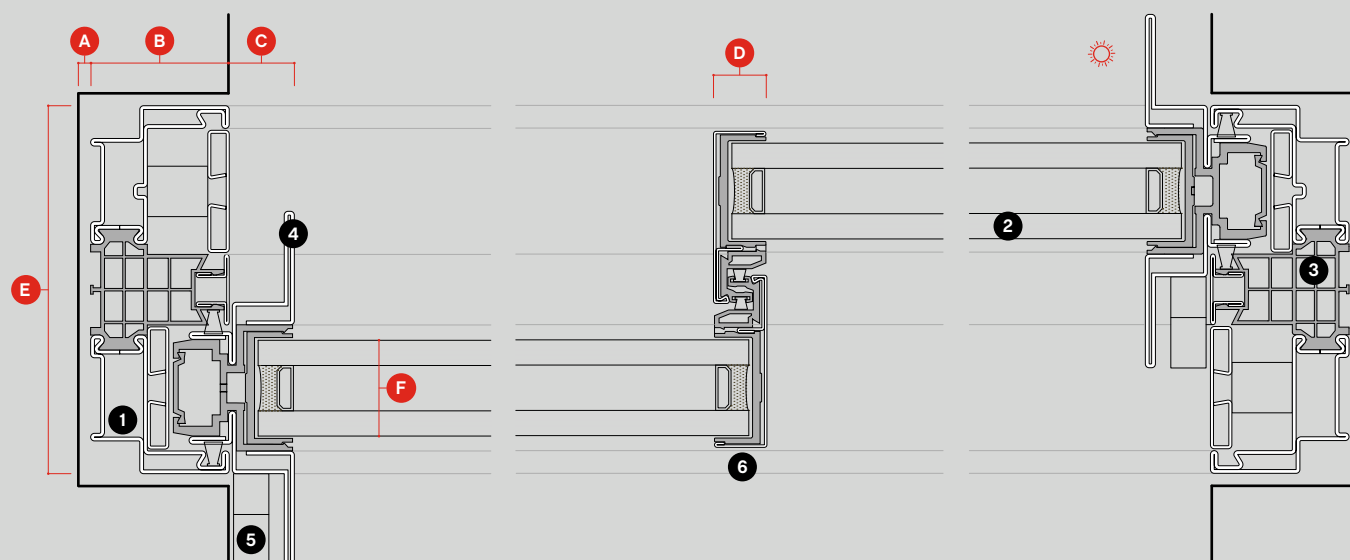


# ah!NM

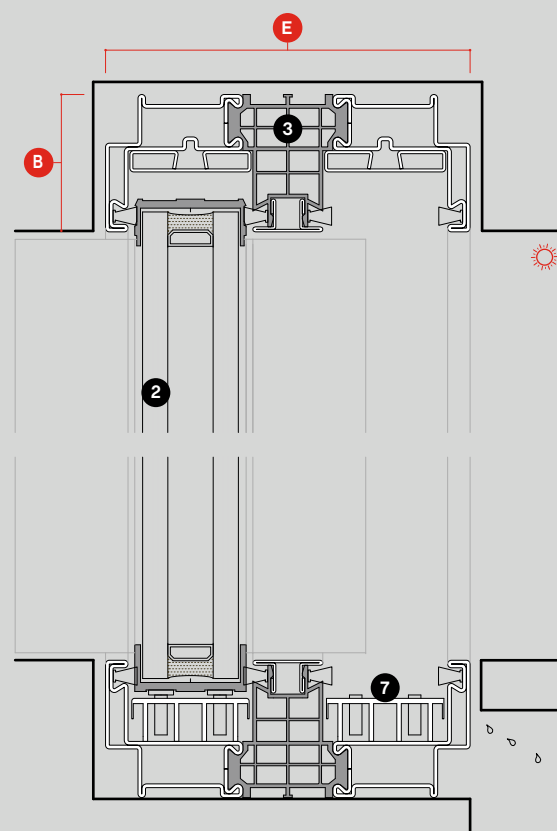
sliding birail common sections

# 1:3

scale



## dimensions and main components



<b>A</b> 5mm	<b>D</b> 20mm
<b>B</b> 55mm	<b>E</b> 146mm
<b>C</b> 26mm	<b>F</b> 38mm

- 1** main frame
- 2** glass
- 3** polyamide
- 4** handle
- 5** multipoint locking system
- 6** central mullion
- 7** removable bearing profile

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we build **ah!**



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