

FACADE

TENTAL 50 MT

MULLION-TRANSOM

➤ THE CIRCULAR FACADE

The TENTAL 50 MT curtain wall was created with a view to offering architects and consultants an extensive range of solutions, giving them as much creative freedom as possible when designing a facade.

AESTHETICS AND MODULARITY

- Multiple exterior aspects
- A full range of colors and surface treatments
- Compatible with a full range of windows, doors and sliding systems
- Mullion - Transom construction with the benefits to use the same system for both facade and sloped glazing
- Mullion drained construction

GREAT POSSIBILITIES

- Large infills weight: up to 600 kg
- Maximum glazing thickness 62 mm
- Down to 10° roof slope

INSTALLATION AND ASSEMBLY

- Several installation options of glass and fillings
- Patented dry glazing gasket connection

SUSTAINABLE CIRCULAR FACADE

- Designed for assembly and disassembly
- Components are made of 75% recycled and 95% recyclable material.
- Cradle to Cradle® under certification (Silver)
- Available in Hydro CIRCAL®, aluminium made with a minimum of 75% recycled end-of-life aluminium. This aluminium has one of the lowest CO₂ footprints worldwide: 1.9 kg of CO₂/kg aluminium.
- Dynamic EPD available on TechDesign

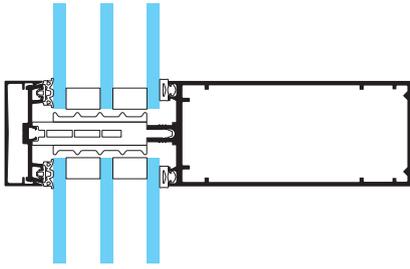
PERFORMANCES (according to EN 13830)

Air permeability:	up to AE 1500 Pa
Water tightness:	up to RE 1500 Pa
Wind pressure resistance:	up to 3000 Pa
Burglary resistance:	RC1N, RC2N, RC2, RC3
Impact resistance:	I5/E5
Thermal performance:	U _f down to 0.53 W/m ² K U _{cw} down to 0.73 W/m ² K (with U _g = 0.5 W/m ² K)
Acoustic performance:	R _w (C; C _{tr}) = 43 (-1; -3) dB Vertical: D _{n,f,w} (C; C _{tr}) = <66 (-1; -4) dB Horizontal: D _{n,f,w} (C; C _{tr}) = <55 (-1; -4) dB

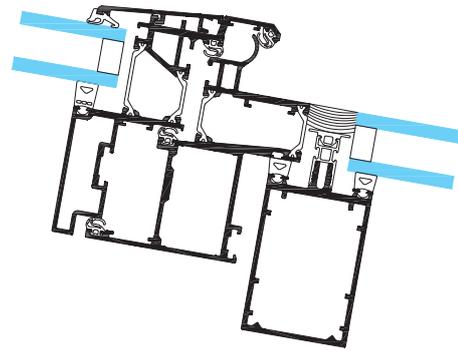


By  Hydro

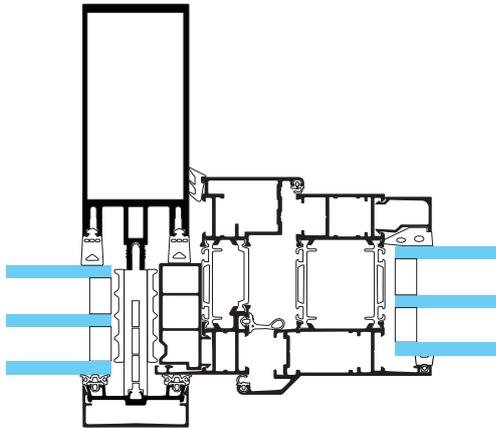
APPLICATIONS



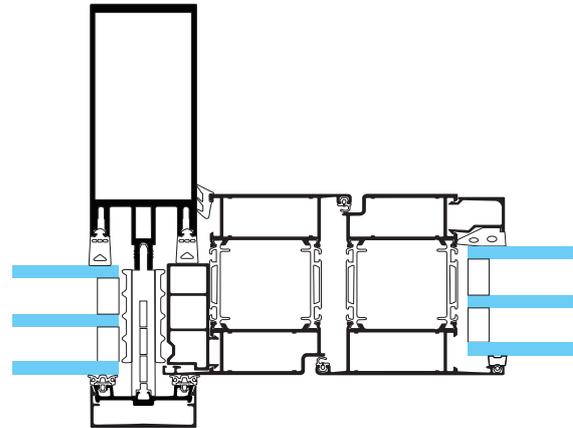
TENTAL 50 High insulation level



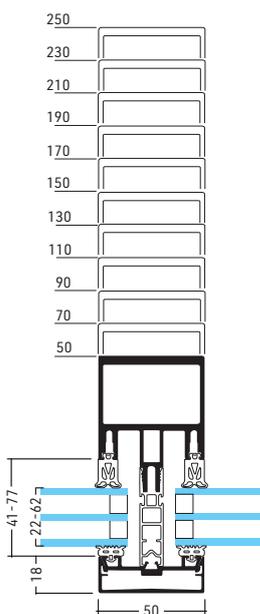
TENTAL 50 Sloped glazing



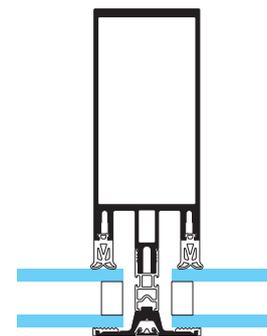
TENTAL 50 with connection to window 1086



TENTAL 50 with connection to door 2086



Exempel of available stem depth



TENTAL 50 Flat cap

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