



INNOVATIVE AND TRADITIONAL

CROWN RESIDENTIAL WINDOW

The Steel Replacement



By  Hydro

 High Performance & Sustainable



CROWN

/ STEEL REPLACEMENT WINDOWS

Crown Steel Replacement windows are ideal for both new build and renovation projects where slim sightlines are required.

Crown Steel Replacement windows comfortably exceed the current requirements of Part L 2016 of the Building Regulations for both thermal insulation and air permeability and has been designed to be compliant with future anticipated changes by being able to achieve WER A rating. Crown Steel Replacement is also compliant with current PAS 24.

- External Bead Glazed As Standard
- Internal Glazed Vent Option
- WER to 'A' Rated
- 1.5W/m²K U Value
- 24mm and 28mm glazing
- Suited handle range
- Casement and fixed lights
- Dual Colour Option
- Outer frame and vent sightline less than 60mm



CROWN

/ HARDWARE OPTIONS

Silver



Matt black
Powder coated



Gold



Pure white
Powder coated



Polished
Chrome



Polished
Gold



Monkey Tail



Aluminium lockable window handle with 90° stop position, for espagnolette window locks. The inline lever is fixed to the backplate. The cranked lever is also fixed to the backplate and by design is right handed.

SPECIFICATION

WEATHER PERFORMANCE

	AIR PERMEABILITY	WATER TIGHTNESS	WIND RESISTANCE
OPENING LIGHTS	Class 3 600 Pa	Class 9a 600 Pa	Class B5 2000 Pa

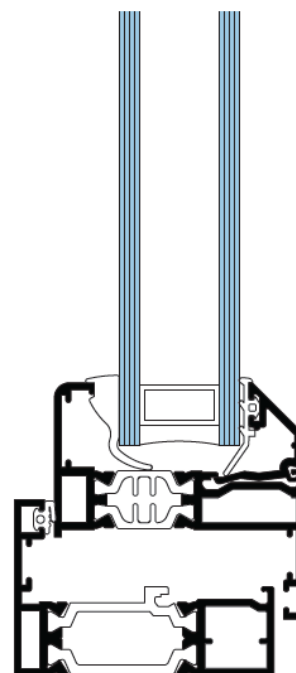
SIZE LIMITATIONS

TOP HUNG CASEMENT

Stay Size	6"	8"	10"	12"	16"	20"	24"
Max Width	1200	1200	1200	1200	1200	1200	1200
Max Height	336	386	436	586	816	1136	1336
Max Weight	10kg	12kg	16kg	20kg	21kg	26kg	40kg
Min Width	386	386	386	386	386	386	386
Min Height	236	236	311	386	536	736	886

SIDE HUNG CASEMENT

Stay Size	8"	12"	16"
Max Width	436	636	736
Max Height	1336	1336	1336
Max Weight	18kg	22kg	24kg
Min Width	236	336	436
Min Height	386	386	386





CROWN

/ COMMITMENT TO SUSTAINABILITY

TECHNAL demonstrates its strong commitment to the environment in all areas: by using recycled and low-carbon materials, with a product design that is adapted to a circular economy, and produced within a responsible supply chain. In addition, these statements are certified by external organisations to ensure maximum transparency.

HYDRO CIRCAL®

We are demonstrating our focus on sustainability by using Hydro CIRCAL® for our system solutions, one of the most sustainable aluminium alloys in our sector. Hydro CIRCAL® is a range of prime quality aluminium made with a minimum of 75% recycled end-of-life aluminium (post-consumer scrap). The production process is verified by an independent third party (DNV-GL), and confirmed by an EPD (Environmental Product Declaration). Hydro CIRCAL® also has **one of the smallest CO₂ footprint worldwide: 1.9 kg CO₂ per kilo of aluminium** – 4.5 times less than the world global primary average.



75%

**RECYCLED
POST
CONSUMER**

Hydro CIRCAL® is the world's first certified recycled aluminium which means that at least 75% of the prime-quality aluminium alloy comes from post-consumer materials.



95%

**ENERGY
SAVED**

By recycling post-consumer scrap aluminium, the remelting process saves up to 95% of energy that would normally be spent and maintain the same high quality as primary aluminium.



85%

**REDUCTION
OF CO₂
EMISSIONS**

The consequence of using Hydro CIRCAL® is the drastic reduction in CO₂ emissions which sums more than 85% when compared with the global average for primary aluminium production.



IMAGINE WHAT'S NEXT

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