

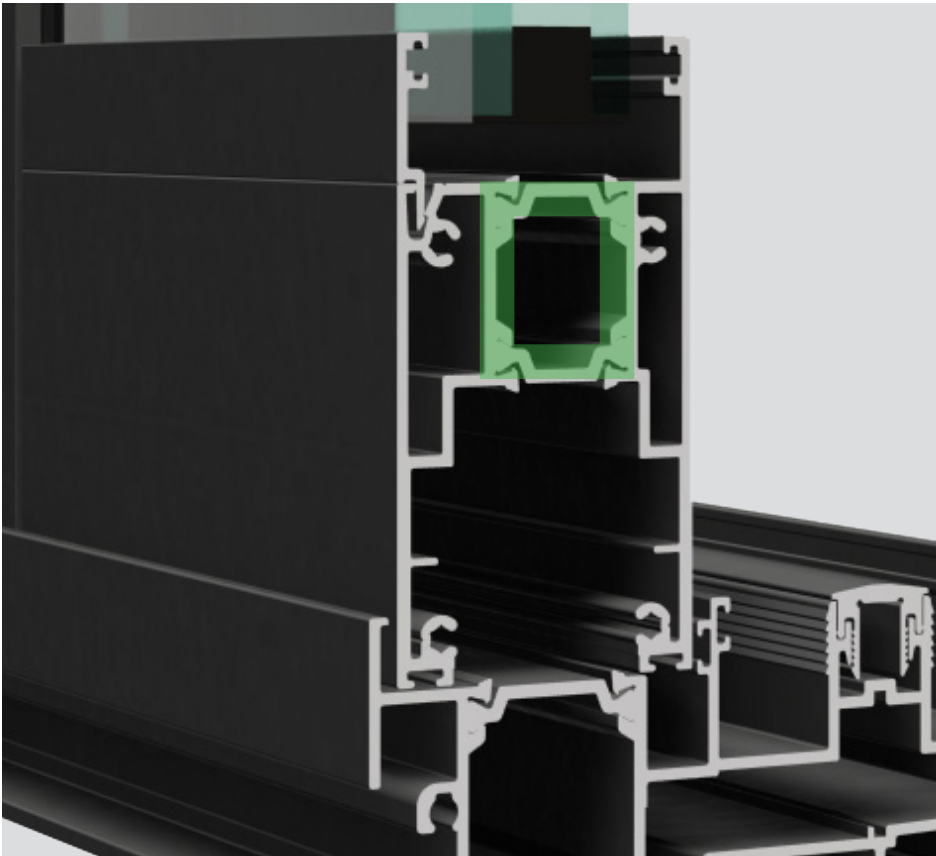


WWW.CONCEPTALUMINIUM.COM

# INTRODUCING **AluBREAK**

THE FUTURE OF WINDOWS AND DOORS

# About Thermal Technology



Concept Aluminium Systems is dedicated to designing window and door systems that meet the evolving energy performance demands from commercial, residential and architectural sectors.


Thermally broken windows have a low heat conductive thermal barrier that separates the interior and the exterior metal sections of the window. This stops the direct exchange of hot and cold temperatures and significantly reduces heat transfer in and out of the window.

This barrier is also known as the **'thermal break'**

# From sun to snow Stabilising Temperatures

The Victorian Governments 2022 National Construction Code illustrated that there will be an increase in the minimum energy efficiency windows and doors must have in new homes commencing on May 1st 2024.

This comes in alignment with the new 7-star energy efficient building standards in residential homes which include the following three points.

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- 1 Use less energy
  - 2 Use efficient appliances
  - 3 Use renewable energy



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This proposes the benefits of thermally broken windows and doors which builds energy efficiency into your home. Thermally broken windows also help to regulate the temperature within your home throughout seasons. Not only does this make thermally broken windows an energy efficient choice, but will help you save money into the long term on heating and cooling.





## Innovative Our design

Concept Aluminium Systems has partnered with the pioneers of thermally broken technology, Technoform, to design our AluBREAK range. Our systems use cutting edge low lambda Polymaid thermal breaks which has allowed us to achieve industry thermal efficiency, whilst maintaining the aluminium's quality of premium stiffness and mechanical stability.

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"Our new AluBREAK range is a testament of our ongoing commitment to embrace new technology and generate high end systems for Australian consumers."

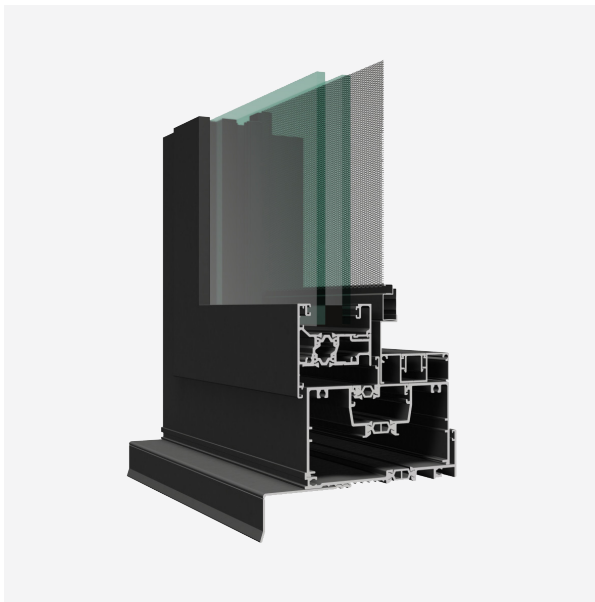
- Concept Aluminium Directors Nick and John Makris

Two handwritten signatures in black ink.

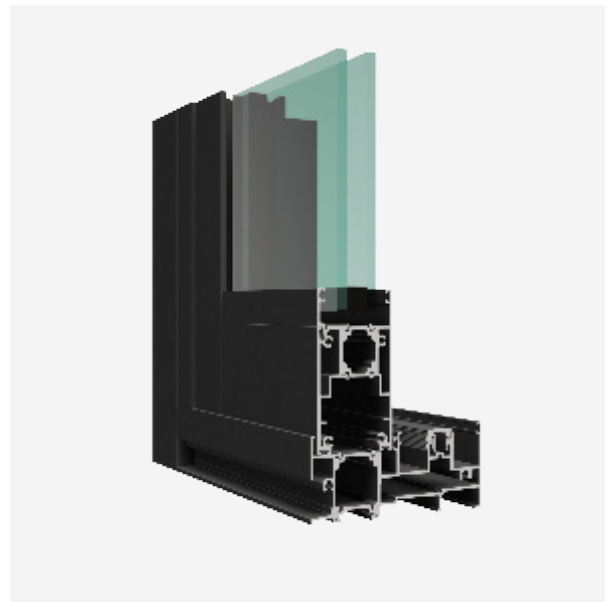
Our commercial range

# Introducing AluBREAK-COMM 10755CG Frame

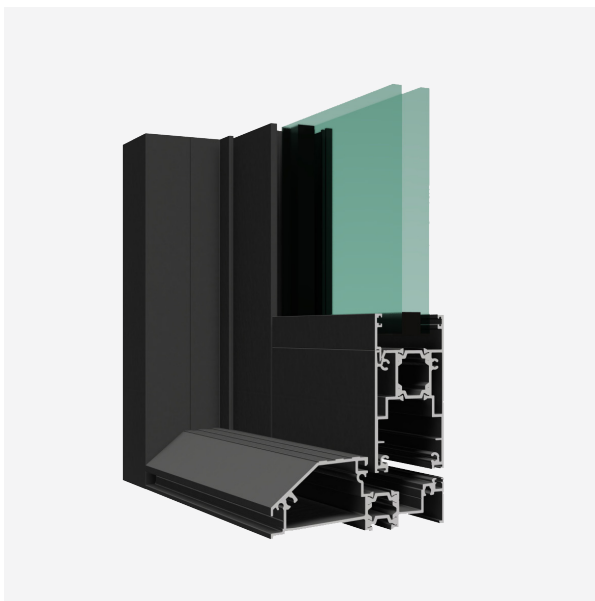
Concept Aluminium Systems is proud to introduce our commercial thermally broken window and door systems using our 107mm x 55mm Centre Glazed Thermally Broken Frame, which can be configured as a Fixed or Awning Window, Sliding Door, and an Open-In or Open-Out Hinge Door.



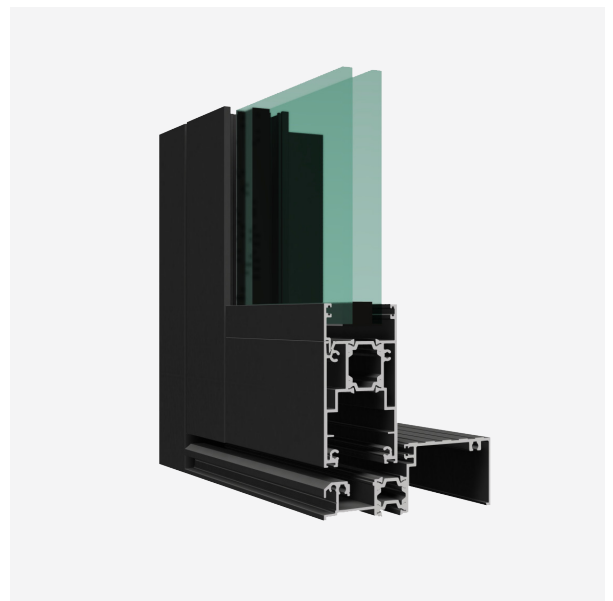
AluBREAK-COMM Awning Window



AluBREAK-COMM Sliding Door



AluBREAK-COMM Open-In Hinge Door

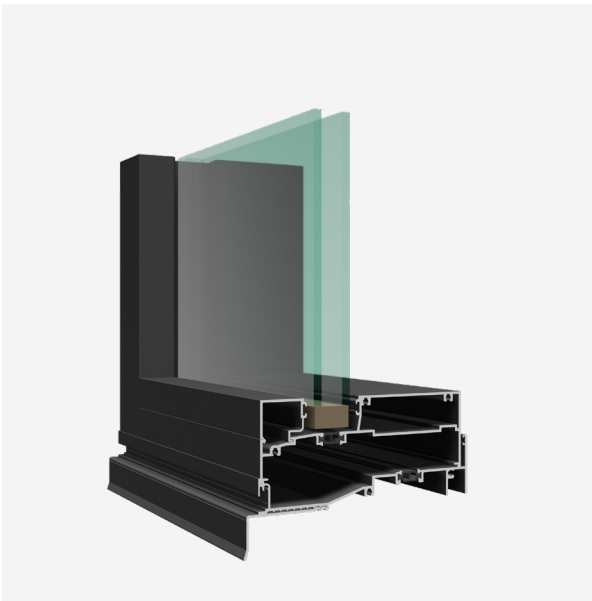


AluBREAK-COMM Open-Out Hinge Door

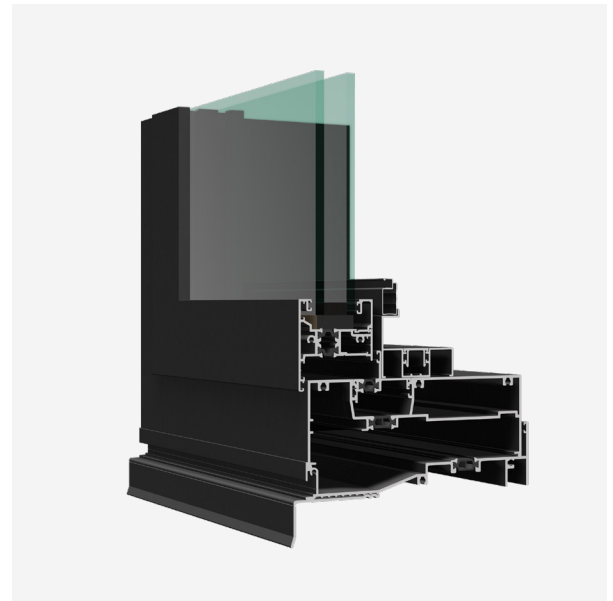
Our commercial range

# Introducing AluBREAK-COMM 16055CG Frame

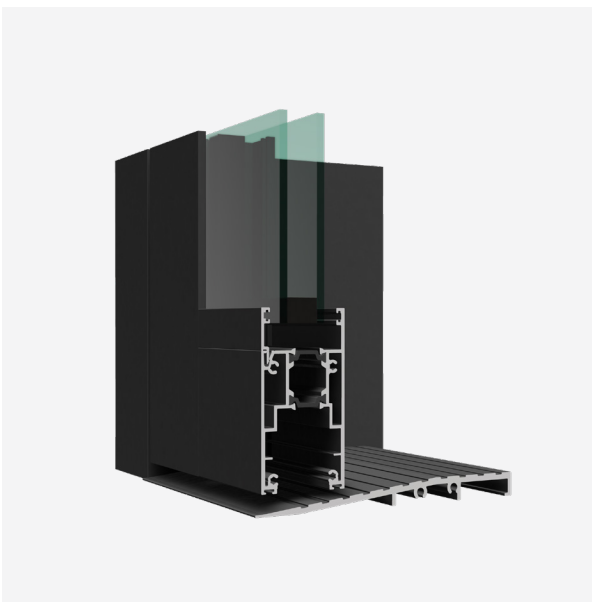
Concept Aluminium Systems second edition to our Commercial thermally Broken Collection is a bold 160mm x 55mm Centre Glazed Thermally Broken Frame, which can be configured as a Fixed or Awning Window, Stacker Door, and an Open-In or Open-Out Hinge Door.



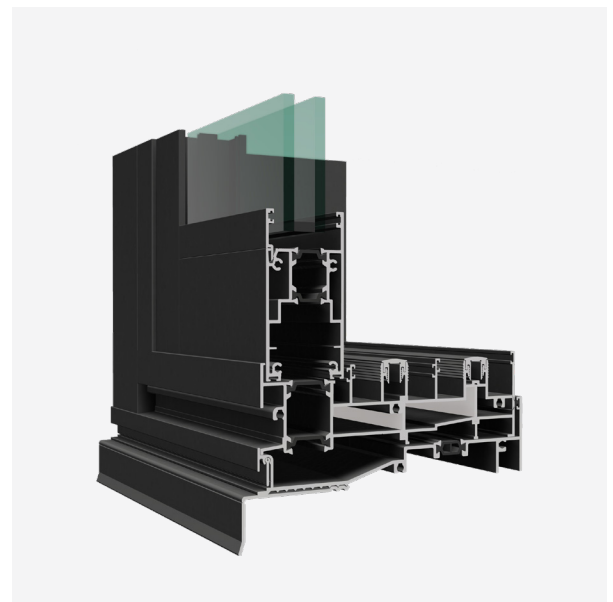
AluBREAK-COMM Fixed Window



AluBREAK-COMM Awning Window



AluBREAK-COMM Hinge Door



AluBREAK-COMM Stacker Door

Our residential range

# Introducing AluBREAK-RES

Concept Aluminium Systems is proud to introduce our residential thermally broken window and door system. The system available in this range is a Fixed / Awning Window using a 20mm x 50mm Frame.



**AluBREAK-RES Awning Window**



**AluBREAK-RES Fixed Window**





## Designed to achieve **Commercial grade-finishes**

Our AluBREAK range was designed strategically to be interchanged to use our Commercial grade thermal systems in residential projects. Using our commercial grade systems in your residential projects will ensure a competitive edge in appearance, functionality, and quality that will withstand well into the future. Our Commercial thermal and Residential thermal ranges were made with intention to compete with the performance of other thermal window and door systems to ensure they provide you with reliable and effective heat conductivity.





17 Broadfield Rd Broadmeadows VIC 3047

03 9357 2888

[www.conceptaluminium.com.au](http://www.conceptaluminium.com.au)

