



Energy  
saving up to  
**50%**

A transparent view on cooling

**DoubleCOOL**  
ACRYLIC COOLING SOLUTIONS



# Your partner for acrylic cabinet doors

## ABOUT US

DoubleCOOL® is the inventor of the unique, high quality, light weight double pane acrylic doors. The unmatched transparency is unique in glazing doors. DoubleCOOL® doors have high impact resistance and excellent UV stability. We are specialist in the design, production and worldwide distribution of energy saving door solutions for grocery supermarkets.

DoubleCOOL® offers tailor-made solutions for both the retrofit market as well as refrigerated display cabinet producers (OEMs).

We are a specialized supplier for double pane, innovative lightweight glazing solutions for refrigerated display cabinets. Its unique, patented, frameless solution has found worldwide recognition. DoubleCOOL® doors realise energy savings up to 50% in supermarket cabinets. With our solution, we make an effective contribution to a better environment.

## HISTORY POLYPLASTIC GROUP

A passion for acrylics made two 22 years old school friends in 1952 decide to found their own company: Polyplastic. The boys first started to sell acrylic sheet, but later they created their own acrylic production. The excellent characteristics of acrylic such as safer, more transparent and less weight than glass, resulted in the design and production of acrylic lightweight glazing.

Polyplastic is still an independent, family owned organization working on a global market level. Dedicated research, testing and production facilities enable us to set the standard and deliver reliable, high quality products. With over 250 colleagues and network of European representatives, we are the leading supplier of standardised and customised window systems for motorhomes and caravans. Since some years DoubleCOOL® is part of the Polyplastic Group: a new brand with long and successful history to come.



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## ENERGY SAVING UP TO 50%

DoubleCOOL® cooling doors save significant energy up to 50% compared to open cabinets. Apart from the direct saving this enables the use of lighter compressors and/or longer technical lifetime of the refrigerating system. Increased shelf life and quality of fresh food are important cost effective elements of our doors. DoubleCOOL® doors help to reduce the amount of food waste by improved temperature distribution with the cabinets.



## SAFE

DoubleCOOL® doors are made of nearly unbreakable material: under the tough conditions of FMCG logistics, they don't break or splinter. DoubleCOOL® doors avoiding loss of function, or worse, endangering the safety and health of your clients. All edges have friendly, soft corners. There is virtually no risk of entrapment or other injuries. The handles are designed to intuitively guide the client towards a slide or swing movement.



## 100% TRANSPARENT

The DoubleCOOL® doors show no condense and provide a unique clear frameless view all along the shopping aisle. The extreme low weight of the doors results in easy, soft and intuitive opening, which give consumers a positive feeling. The wide opening angles provide easy access for re-stocking. Make your own choice: manually filling the shelves or rolling in complete milk trolley's.





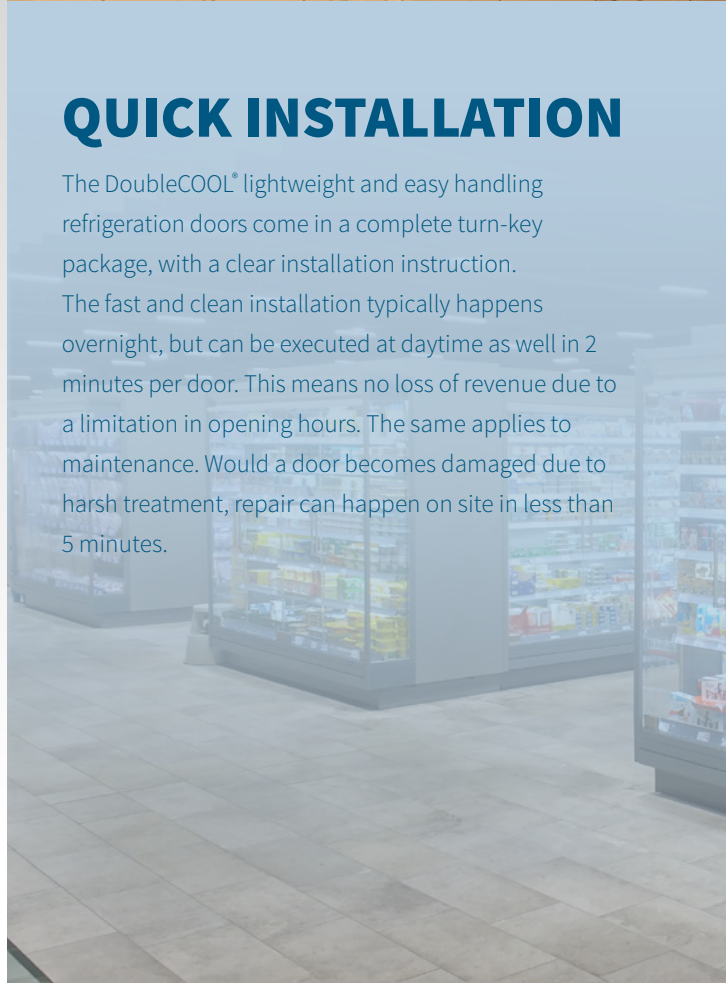
## SUSTAINABLE

DoubleCOOL® doors save substantial energy operating the cabinet. They also enable a positive effect on the shop climate: comfortably and warm in the shopping aisles, effectively refrigerated in the display cabinet. This efficient barrier enables the use of environmentally friendly and highly efficient refrigeration technologies. With DoubleCOOL® the industry can make the next step in the adoption of refrigeration technologies using low GWP refrigerants, such as propane and CO<sub>2</sub>.



## QUICK INSTALLATION

The DoubleCOOL® lightweight and easy handling refrigeration doors come in a complete turn-key package, with a clear installation instruction. The fast and clean installation typically happens overnight, but can be executed at daytime as well in 2 minutes per door. This means no loss of revenue due to a limitation in opening hours. The same applies to maintenance. Would a door becomes damaged due to harsh treatment, repair can happen on site in less than 5 minutes.



## OPTIONS

- > The DoubleCOOL® doors can be made available with a anti scratch coating.
- > A fire-retardant glazing version (class M2) is also available.
- > DoubleCOOL® offers a high level of custom made design. Would you plan to differentiate your product or service with a remarkable design, we can follow up with our dedicated product development team.
- > The DoubleCOOL® modular grip design enables branded grips, for the cabinet producer as well as for the supermarket chain.







# DoubleCOOL® **SWING 2**

- > *Frameless*
- > *Maximum visibility*
- > *Innovative design*

Swing 2 offers the ultimate visibility of displayed products. The invisible hinge create an amazing maximised visibility. Extreme smooth opening for excellent shopping pleasure is achieved by the soft -and self closing characteristics of this maintenance free hinge.

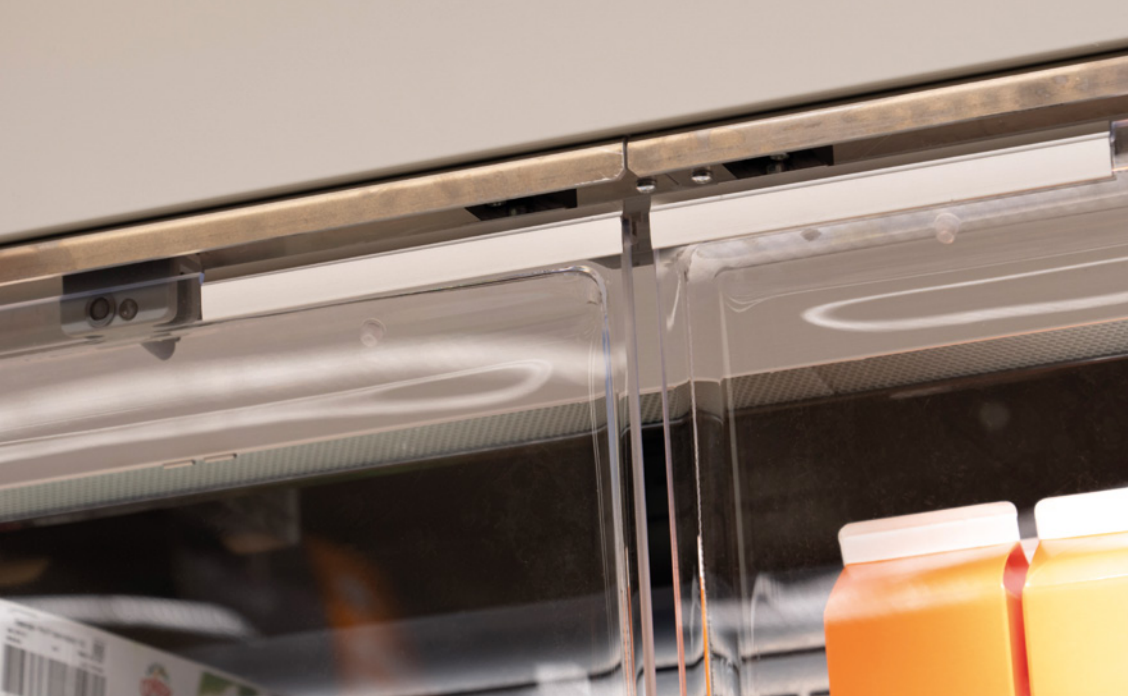
Swing 2 differentiates itself through its double-pane uv protected acrylic, which results in substantial weight saving compared to glass.

Swing 2 is unique in the world, because of its excellent insulation, condense free characteristics and energy saving up to 50%.

Swing 2 is the winner in elegant frameless view. It is the new innovative standard in glazing for multidecks.

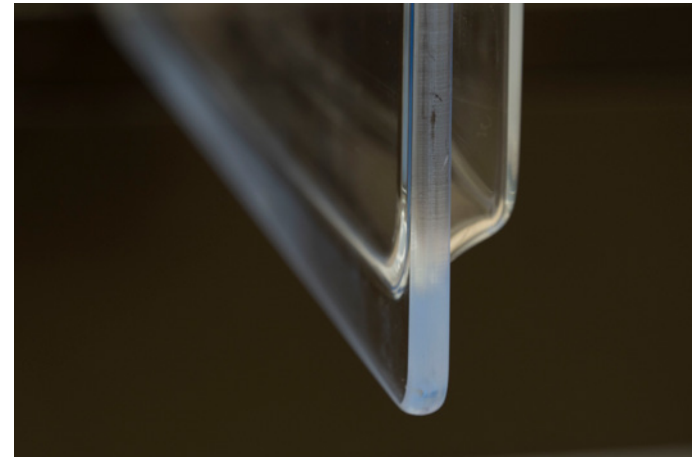






#### INVISIBLE HINGE

Slim design of the invisible hinge creates maximum visibility.



#### SOFT EDGE

All corners have friendly safe and rounded edges.



#### DOOR STOPPER

Ensures a safe feeling and soft closing of the door.





# DoubleCOOL<sup>®</sup> **CURVE 2**

Curve 2 sets the standard for curved double-pane doors. Remarkable weight reduction is achieved by the use of UV-protected cast acrylic. The excellent forming properties of acrylic results in maximum visibility of this frameless design.

Curve 2 is equipped with high quality maintenance free roller wheels for amazing smooth opening and closing of the sliding doors. In combination with the double-pane characteristics.

Curve 2 offers an excellent insulation and condensation free performance. New or retrofitted cabinets can realize energy saving up to 50%.

Curve 2 is the ultimate solution for semi vertical cabinets.

- > *Frameless*
- > *100% transparency*
- > *Smooth opening*

**CURVE 2**







#### **SMOOTH OPENING AND CLOSING**

The lightweight doors are unique because of the smooth opening and closing.



#### **DESIGN**

Double-pane acrylic glazing with decorative screenprint.



#### **ERGONOMIC GRIPS**

The DoubleCOOL® modular grip design enables a branded grip.





## DoubleCOOL<sup>®</sup> **SLIDE 2**

- *Frameless*
- *Lightweight*
- *Self closing door*

Slide 2 is the ultimate solution to close cabinets in small aisles. Excellent shopping experience is achieved by the smooth sliding characteristics of Slide 2. A unique soft and self-closing solution guarantees the best energy efficiency. The innovative forming of the double-pane acrylic creates an excellent insulation and condense free properties. Energy saving can be realized up to 50%.

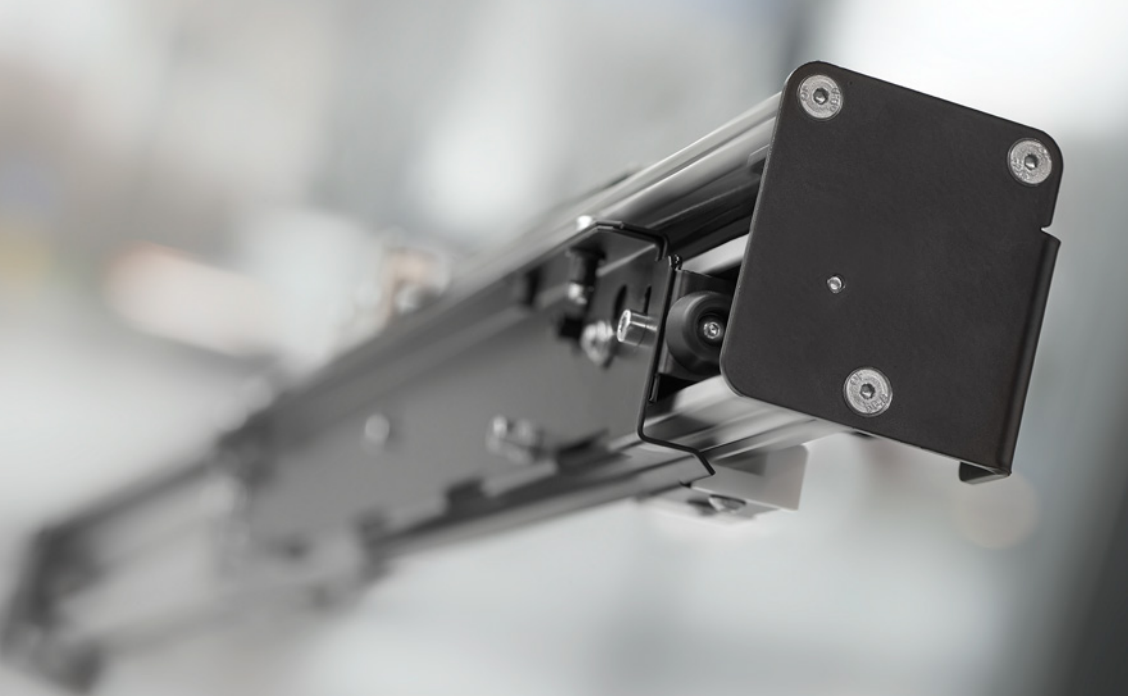
Slide 2 contains a revolutionary slim plug-in cassette system for quick and easy (retrofit) mounting. Adjusting the cassette is an easy job from outside the cabinet.

Slide 2 has a special opening position for restocking.

Slide 2 the best solution for double-pane frameless sliding doors.







#### **SLIM PLUG-IN CASSETTE SYSTEM**

The innovative slim line plug-in cassette is designed for quick, easy mounting and years of problemfree use.



#### **EASY RESTOCKING SYSTEM**

Slide 2 has an opening position for easy access for restocking.



#### **HIGH SHOPPING COMFORT**

A unique soft and self closing solution guarantees high shopping comfort and the best energy efficiency.





# DoubleCOOL<sup>®</sup> **SWING 1**

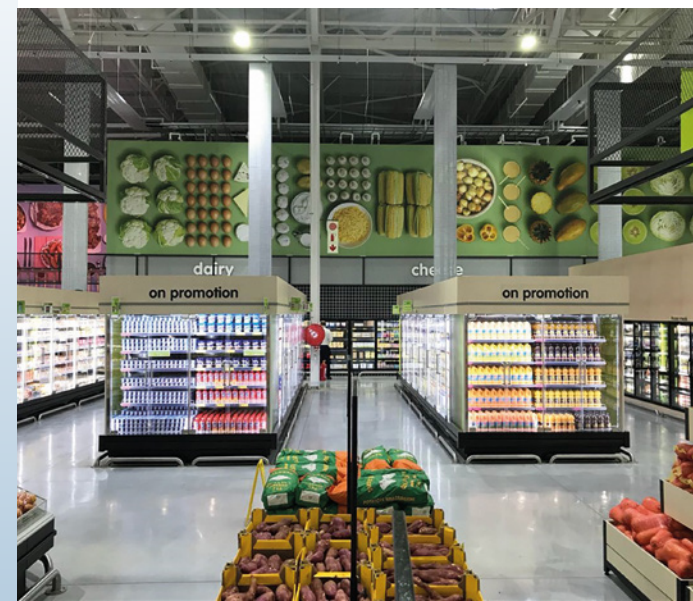
- > *Frameless*
- > *100% transparent*
- > *Self closing door*

Swing 1 is the world's first frameless double-pane door for multideck. This innovative door offers a clear transparent view on the displayed products.

Swing 1 has an excellent insulation. Condense free characteristics and energy saving up to 50%.

Acrylic is known for its safety and substantial weight reduction compared to glass. Therefore Swing 1 has an extreme smooth and easy opening for excellent shopping pleasure. The acrylic doors set the new standard with a self and soft closing system. Maintenance free hinges and a robust grip are key elements of this reliable design.

Swing 1 is the first choice of both manufacturers of new cabinets and retrofit in supermarkets.

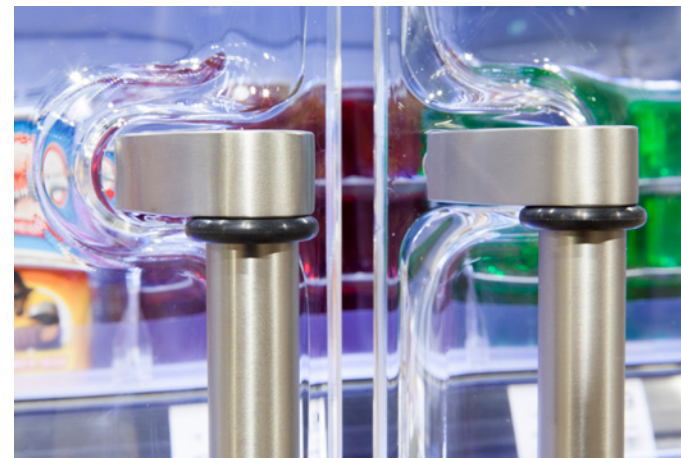






#### **FINGER SAFETY**

A small gap between the doors ensures finger safety.



#### **ERGONOMIC HANDLES**

Robust and nail friendly handles with soft protection rings.



#### **HIGH SHOPPING COMFORT THROUGH A SOFT AND SELF CLOSING SYSTEM**

Opening and closing is a pleasure during shopping because of the soft- and self closing system.





A transparent  
view on cooling