

Improving flexibility

Swing doors by cool it – for smooth-running operations



Innovation based on experience

For the past 25 years, "cool it" has been producing innovative door systems that are totally practical in form and function. Whether in food production and storage or in other sensitive areas – wherever there is a need for workable solutions and maximum flexibility, "cool it" doors have proved their worth. For example, the high-quality "cool it" swing doors. See for yourself.

Sincerely,



Rasmus Brandhorst
(Managing Director)

cool it – The partner you can rely on

Partnership with "cool it" brings many benefits. The "cool it" benefits at a glance:



Optimum supply service:
Speedy supply and totally reliable delivery dates



Excellent quality:
High-grade materials, modern manufacture,
ongoing research and development



Official standards:
Complies with General Food Safety Regulation
(EC) No. 178/2002, Food Hygiene Regulation
(EC) No. 852/2004, HACCP concept for use
in the food industry, "International Food Standard"



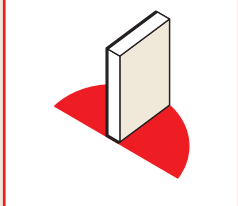
Comprehensive service:
Competent advice, active planning support,
technical assistance and own customer service



Wide range of products:
Extensive door programme, unsurpassed depth of range,
and flexible combination options –
innovative solution packages by "cool it"



Active environmental protection:
Ecologically sound product concepts, resource-conserving
manufacture, balanced life-cycle assessment



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Swing doors by cool it are the first choice wherever frequent transit has to be combined with a reliable room closure system. Their high-grade materials and robust build permit a wide range of applications.

Innovative swing doors by “cool it” meet two important criteria for workflow optimisation. They not only provide dependable divisions between different work areas and different parts of the business, but they also allow you to pass through quickly: from production to administration, for example, from storage to shipment, or between production, amenity and hygiene rooms. Swing doors by “cool it” are a convincing solution offering great flexibility.

Hygienically safe

Swing doors by “cool it” are specially designed for a wide range of uses in different areas and are available in a variety of finishes. This makes it easy to meet all requirements. “cool it” swing doors are easy to clean. As a result they ensure absolute hygiene and a long functional life – even where the parts are subject to great mechanical stress.





Many convincing features

Swing doors by "cool it" are available in a variety of materials, finishes and colours. This means they can be used in a wide range of areas and makes them flexible enough to offer the right individual solution.

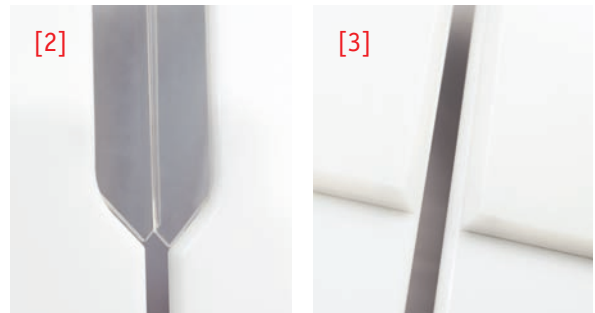
Robust and durable

In spite of their superb quality and smooth mechanical components, swing doors by "cool it" are extremely durable and prove their worth in continuous everyday use. They are virtually maintenance free, even under heavy-duty conditions and high-frequency use. And that pays.

Tested and certified

Swing doors by "cool it" meet the requirements for use in the food industry that result from the General Food Safety Regulation (EC) No. 178/2002 and the Food Hygiene Regulation (EC) No. 852/2004 including HACCP concept for these doors. "cool it" swing doors also comply with the "International Food Standard".

The versatile door: cool it swing door P3 with PE door leaf.
Wherever absolute hygiene is a must, the new P3 is a reliable solution for perfect room separation and speedy transit.



[Illustration]
"cool it" ZP3, door
leaves in white PE

[1]
Flush window,
15 mm acrylic glass

[2]
Anti-crush profile

[3]
PE collision protection

The swing door for a wide range of uses

The P3 swing door is the right choice for areas where compliance with the highest hygiene standards has to be a matter of course. Thanks to its special design, it offers no points of attack for contamination of any kind, and also makes daily cleaning easier.

An extra bonus: The positive-fit flush acrylic vision panel with no frame or gasket is hygienically perfect. The "cool it" P3 is also available as a double-leaf variant (ZP3).

Other convincing features

- Pivot tube made of non-rusting stainless steel
- Corrosion-protected return mechanism
- 15 mm thick, shape-retaining leaf made of PE 500
- Optional 90° door stay

Additional benefits of P3

- High resistance to impact and breakage
- Resistant to fats, acids and solvents
- Food safe
- Perfect hygiene
- Trouble-free cleaning
- Durable and maintenance free
- Available in various colours (see Page 16)

The safe door: cool it swing door P6 with PETG door leaf.
Wherever maximum transparency, safety and compliance with high standards of hygiene are required, the P6 is the door to choose.



The swing door you can see through

In busy areas where good visibility is an important factor when using the door, the P6 is the door to use. Its transparent PETG door leaf always provides a perfect view and hence offers maximum safety for the traffic using it.

The door's outstanding hygienic properties and functional design are great assets anywhere. They make the P6 particularly suitable for installation in "transparent" production situations. The "cool it" P6 is also available as a double-leaf variant (ZP6).

Other convincing features

- Pivot tube made of non-rusting stainless steel
- Corrosion-protected return mechanism
- 15 mm thick door leaf

Additional benefits of P6

- High resistance to impact and breakage
- Resistant to fats, acids and solvents
- Food safe
- Perfect hygiene
- Trouble-free cleaning
- Durable and maintenance free

[Illustration]
"cool it" ZP6, door leaves of transparent PETG

[1]
Safety you can see: coloured anti-crush profile (finger protection)

[2]
Stainless steel pivot tube

The robust door: cool it swing door P5 with PE door leaf.
Wherever reliable long-term use is needed,
P5 series swing doors are the economical choice.



[Illustration]
"cool it" ZP5, door
leaves in red PE

[1]
Stainless steel hinge
with integrated
90° door stay

The swing door for all applications

The P5 by "cool it" is the perfect choice for every installation situation and at the same time an economical alternative that suits every budget. The P5 offers a maximum of stability and also has a large flush acrylic glass window which is inserted in the leaf as a positive fit without sealing strips. This means additional safety when using the door. The P5 also available as a double-leaf version (ZP5).



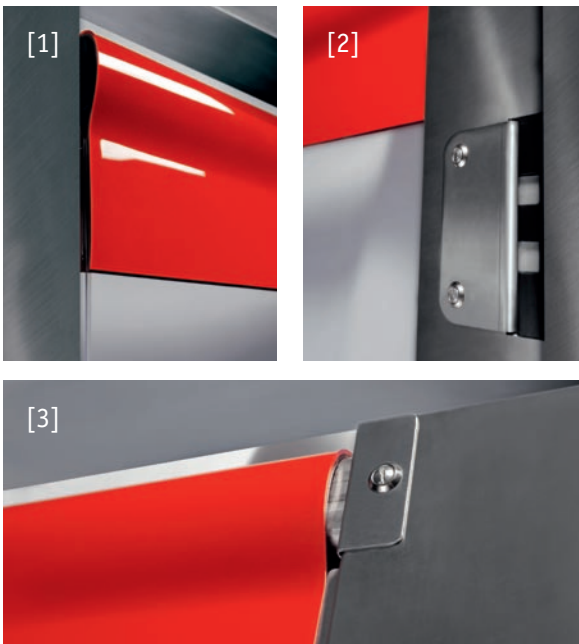
Other convincing features

- Hinges made of non-rusting stainless steel
- 15 mm thick, shape-retaining door leaf of PE 500
- Integrated 90° door stay

Additional benefits of P5

- High resistance to impact and breakage
- Resistant to fats, acids and solvents
- Food safe
- Perfect hygiene
- Durable and maintenance free
- Range of colour variants possible (see page 16)

The resilient door: cool it swing door P7 with PVC door leaf.
Wherever a room closure has to be flexible and withstand all demands, P7 swing doors are indispensable.



The swing door for demanding situations

Whether single-leaf or double leaf (ZP7) – the P7 with its very resilient and highly flexible PVC door leaf permits rapid transit from one area to the other. This applies not only to pedestrian traffic, but also to unimpeded passage for materials transport vehicles and speedy stacker trucks.

What's more, the cold-resistant PVC version of the P7 (without net reinforcement) permits trouble-free use in chill rooms. For example as an outer door to supplement freezer room doors.

Special design features

- Galls profile and hinges made of non-rusting stainless steel
- PVC door leaf (7 mm, tensionless suspension) easily replaced
- Optionally in cold-resistant PVC
- Integrated 90° door stay

Another plus

The continuous transparency of the doors also ensures a good view. Their special design makes for quick replacement of the door leaf.

[Illustration]
"cool it" P7 made of transparent PVC

[1]
Leaf suspended on stainless steel oval tube

[2]
Stainless steel hinge with integrated 90° door stay

[3]
All in one: stabilisation, adjustment and fixing of suspended door leaf

The insulated door: cool it metal swing door PM4.

Wherever a wide range of variants is important and insulating properties are required, the PM4 is the ideal solution.



[Illustration]

"cool it" PM4 in stainless steel circular brush finish with 4 mm acrylic glass window in rubber sealing strip

[1]

4 mm acrylic glass window in rubber sealing strip

[2]

Stainless steel hinge in 90° stay-open position (door opened)

[3]

Stainless steel 90° door stay

The swing door for special areas

The PM4 by "cool it" is ideal for areas where a certain insulation is important in room separation and where user-friendliness is always paramount.

The design of the PM4 is variable and can be tailored to the individual installation situation. This opens up a wide range of opportunities for creativity and configuration. All surfaces and colours in the "cool it" door programme are available for the PM4 as well (see page 16), leaving no wish unfulfilled. And of course the PM4 is also available as a double-leaf version (ZPM4).

Other special design features

- Hinges made of non-rusting stainless steel
- 40 mm thick door leaf with CFC-free foam core
- Integrated safety: seal = anti-crush profile
- Metal door leaf available in galvanised and painted, or stainless steel
- Window (various shapes and sizes on request)

Additional benefits of the PM4

- Resistant to fats, acids and solvents
- Perfect hygiene
- Durable and maintenance free
- Appearance can be coordinated with the entire "cool it" door programme

The economical door: cool it strip curtain made of PVC.

Wherever special flexibility and easy passage are important, the PVC strip curtain by cool it makes a valuable contribution.

The curtain with built-in safety

In cases where there is a need to divide off door openings with the aim of preventing exchange of air through open doorways, keeping different areas separate or protecting personnel and machines from dust, chips, shavings or splashes, the strip curtain by "cool it" is the best economical solution.

Moreover, the PVC strip curtain permits rapid replacement of strips thanks to their individual attachment. Strip curtains by "cool it" are also optionally available in cold-resistant PVC.

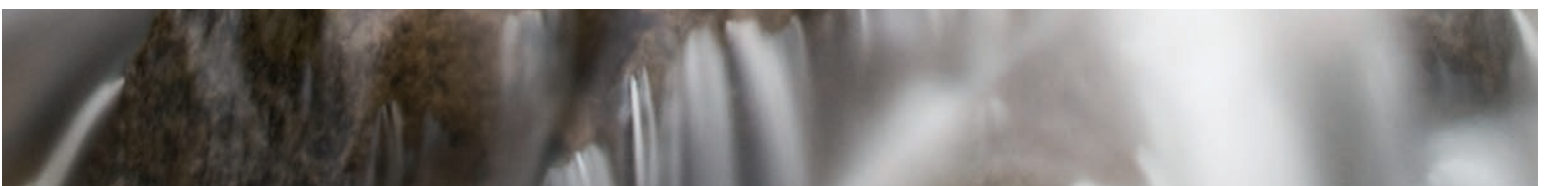
Other convincing features

- Variable strip width and overlap
- Optionally swivelling attachment with suspended strips
- Option of rigid attachment with clamp profile





Swing doors by cool it ensure more flexibility and open up many new opportunities. They remove obstacles to smooth and speedy operations. And that makes a crucial difference. Day after day.



There is a swing door by cool it for every installation situation. They are highly versatile and ensure a maximum of flexibility.

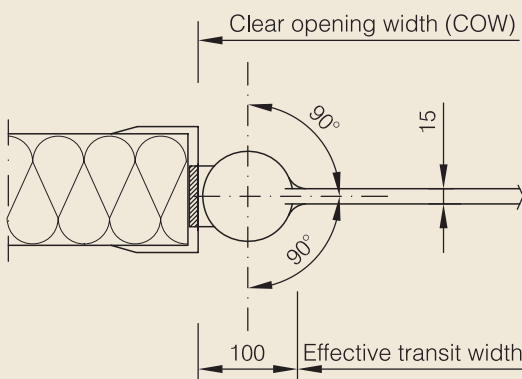
Whether as a simple air closure for reliable separation of different areas of the business or in combination with sliding, hinged or fire doors, whether with clamping frame or masonry mounted – swing doors by “cool it” are the successful solution to every installation situation.

Further technical drawings for your planning can be found at:

www.coolit.de/download

P3 (ZP3)/P6 (ZP6)

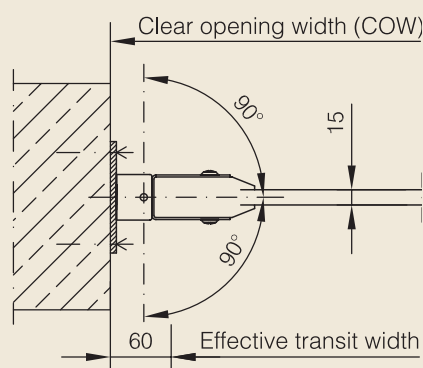
- Installation situation shown: Panels
- Stainless steel frame



Single-leaf: effective transit width = COW - 100 mm
Double-leaf: effective transit width = COW - 200 mm

P5 (ZP5)

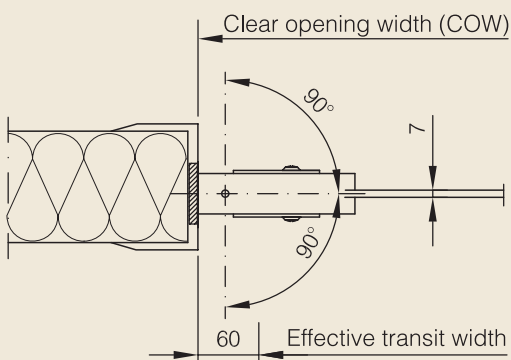
- Installation situation shown: Masonry
- Flat frame 80 mm x 8 mm (total clear opening height)



Single-leaf: effective transit width = COW - 60 mm
Double-leaf: effective transit width = COW - 120 mm

P7 (ZP7)

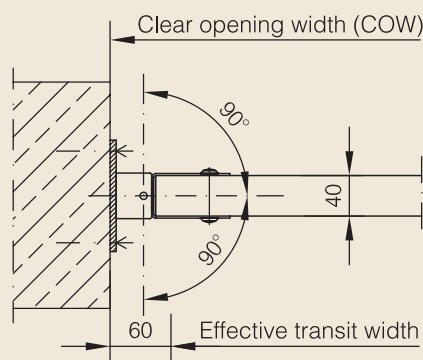
- Installation situation shown: Panels
- Stainless steel frame



Single-leaf: effective transit width = COW - 60 mm
Double-leaf: effective transit width = COW - 120 mm

PM4 (ZPM4)

- Installation situation shown: Masonry
- Stainless steel console (top and bottom) or Flat frame 80 mm x 8 mm (total clear opening height)



Single-leaf: effective transit width = COW - 60 mm
Double-leaf: effective transit width = COW - 120 mm

P7		PM4		Strip curtain
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single-leaf	double-leaf	single-leaf	double-leaf	
7 mm		40 mm PU foam-filled (CFC-free)		2 mm or 3 mm
PVC (transparent)		stainless steel, galvanised steel sheet (painted or laminated)		PVC (transparent)
Options: <ul style="list-style-type: none"> with built-in fabric netting cold-resistant PVC (for use in freezer rooms) coloured PVC on request 		<ul style="list-style-type: none"> Stainless steel: V2A (1.4301), V4A (1.4401) circular brush finish, matt brush finish 180 (burnished), strip finish Galvanised steel sheet (painted): RAL 9010, 9006, 9002, 9001, 7035, 5010, 3000, 1021, 1019, 1015, other colours on request Galvanised steel sheet (laminated): RAL 9001, 9010, other colours on request (for colour chart see page 16)		Options: <ul style="list-style-type: none"> with built-in fabric netting cold-resistant PVC (for use in freezer rooms) coloured PVC on request (for colour chart see page 16)
extra PVC layer as collision protection: optional extra		---		extra PVC layer as collision protection: optional extra
for installation in masonry		for installation in masonry		---
---		---		---
for installation in masonry		for installation in masonry		---
for installation in masonry		for installation in masonry		---
for installation in panels		for installation in panels		---
masonry, panels, behind "cool it" door		masonry, panels, behind "cool it" door		below lintel, behind lintel, behind clamping frame
"cool it" stainless steel hinges with integrated 90° door stay		"cool it" stainless steel hinges with integrated 90° door stay		<ul style="list-style-type: none"> aluminium suspension stainless steel suspension: optional
extra PVC layer: optional extra		collision/finger protection (centre seal)		•
optional extra		on request		---
without 90° door stay: optional extra		without 90° door stay: optional extra		---
without window (door leaf of transparent PVC), leaf suspended on coloured PVC (red)		4 mm acrylic glass window in rubber sealing strip (black)/6 mm laminated safety glass window in stainless steel frame, various window shapes available		without window (strips of transparent PVC)
140 cm x 280 cm		130 cm x 200 cm		300 cm x 500 cm
280 cm x 280 cm (ZP7)		260 cm x 260 cm (ZPM4)		

Swing doors by cool it are always the right choice.

Their wide range of colours and trim options make them suitable for every application.

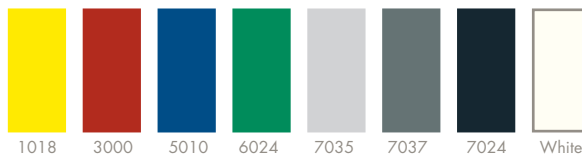
A question of colour

To ensure the right look, "cool it" offers its swing doors in a wide range of colours.

What's more, the metal swing doors are also available in a number of different finishes.

Standard colours for PE models:

Colours according to RAL*. More colours on request.



Standard colours for metal swing doors (PM4):

Galvanised steel sheet, painted in RAL colours:

RAL 9010	
RAL 9006	
RAL 9002	
RAL 9001	
RAL 7035	
RAL 5015	
RAL 5014	
RAL 5010	
RAL 3000	
RAL 1021	
RAL 1019	
RAL 1015	

The colours shown here may differ slightly from the original RAL colour scale.

*In the case of PE and PVC models the colours are similar to RAL.

Metal swing doors by "cool it" are also available in the following robust and hygienic stainless steel surfaces:

- Matt brush finish
- Circular brush finish
- Strip finish

Other surface variants available on request.

Trim options

All "cool it" swing doors can be equipped with a variety of technical components.

The following profile and suspension variants are available:

- Stainless steel hinges with and without 90° door stay
- Fixing systems for masonry, wrap-around frames for panel walls
- Collision protection and edge protection of various types

For optimum prevention of injuries due to crushing or pinching, PE and PETG door leaves can optionally be equipped with

- Rounded edge,
- Central seal or
- Combination of rounded edge and centre seal.

Window types and shapes

- 15 mm acrylic glass for P3 and P5
- Integrated flush window, no frame (P3, P5)
- Window 40 cm x 60 cm (standard)
- Round window, diameter 30 cm or 40 cm (standard)

Our superb service and comprehensive advice reflect our strong customer orientation at cool it. Cooperation in a spirit of partnership is our paramount principle.

Faultless advice

Targeted support in all fields and made-to-measure advisory services are the hallmarks of the special service that "cool it" provides. Here the focus is on close cooperation with our customers in the search for individual solutions.

Superb delivery service

All orders are set in motion without delay. As a first important step, we immediately issue a detailed quotation. Strict compliance with deadlines is a matter of course for "cool it", as is an ideal door-to-door service under which "cool it" looks after the entire shipping arrangements.

Optimum customer care

Its experienced service teams always enable "cool it" to ensure that operations run smoothly at the customer's location. During on-site installation or in the course of repair and maintenance work, "cool it" provides speedy and straightforward assistance – under service agreements if you wish.

cool it is always there for you!

Please do not hesitate to contact us if you have any questions, wishes or suggestions. Simply call us on +49 (0) 54 22/609-0 to speak to your competent contact.

Or you can find out more on the Internet:

www.coolit.de





cool it is always at hand with advice and solutions.

For example, all the important information you need for your planning. Just call us, or visit our website:

www.coolit.de



No drawings here?
Stay cool and go online.

At: www.coolit.de/download
you'll find technical drawings
ready for instant downloading.



Some of the doors shown in this catalogue are equipped with features that are only available at extra cost.

The illustrations and details shown may differ from the original product.

All information about supply scope, appearance, services, dimensions etc. is correct at the time of going to press.

No liability is accepted for the correctness of this information.

We reserve the right to make changes.

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