



More than just doors

D8 D12 D16

Stability meets reliability

The robust hinged doors for cold temperature ranges



D8 D12 D16

The safe solution for all cold zones

Exemplary reliability

With high-quality components and materials as well as the stable construction, the hinged doors of the D-series show their strengths especially under heavy use: absolute robustness, the highest level of tightness and optimal insulation. This not only qualifies them for permanent use in temperature-controlled processing and storage, but also ensures smooth processes along the entire production and logistics chain.

The best insulation and hygiene

With three different leaf thicknesses of 80, 120 and 160 mm, D-series hinged doors are designed for use in any temperature range: D8 for cold stores, D12 for freezer rooms and D16 for shock freezers. In addition, with outstanding hygiene and cleaning properties, they ensure safety in sensitive production and storage environments.

Great flexibility

The D-series also impresses with versatility: Various surface finishes and numerous equipment options such as door contact switches, ram protection, overhead door closers and much more are available. Windows in various shapes and sizes optionally provide a secure view. The availability of different frame variants enables easy installation in almost any installation situation such as panels, brickwork or studwork.

One door – many strengths

With absolute reliability and system stability, hinged doors of the D-series ensure permanently smooth operations and constant temperatures. They are therefore the reliable, easy-to-clean room sealing point for sensitive areas in temperature-controlled processing and logistics.

Outstanding in many areas

- Robust, durable and virtually maintenance-free
- Different leaf thicknesses for every cold area
- Excellent tightness and optimal insulation values
- Hygienic and easy to clean
- Wide colour range and extensive surface selection
- Numerous equipment options
- Also available as double-leaf version

Do you have any questions? We have the answers.

Contact us – phone: +49 (0)5422 609-0, E-mail: info@coolit.de

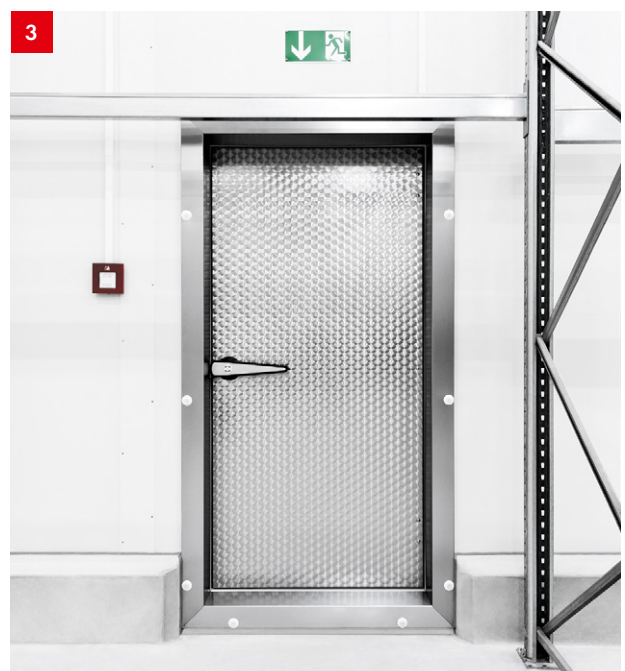
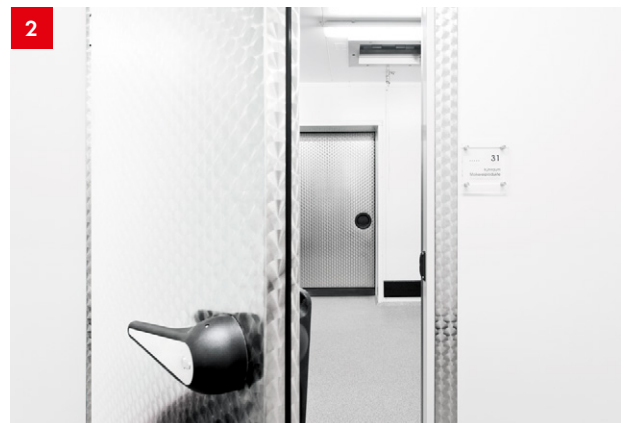
More information is available at: www.coolit.de



1 D8 hinged door for cold stores with tubular track passage

2 Ergonomic cool it press lever

3 DL12 hinged door for freezer rooms (hatch version, interior view)



Technical data

Application and temperature range

Cold store (+1 °C to +8 °C), freezer room (0 °C to -28 °C), shock freezer (0 °C to -40 °C)

Dimensions	D8	D12	D16
Clear width (CW)	minimum: 400 mm, maximum: 1,550 mm	min.: 400 mm, max.: 1,550 mm	min.: 400 mm, max.: 1,550 mm
Clear height (CH)	min.: 400 mm, max.: 3,005 mm	min.: 400 mm, max.: 4,600 mm	min.: 400 mm, max.: 4,600 mm
Special sizes	Special sizes on request		
Leaf thickness (door leaf)	80 mm	120 mm	160 mm

Material

Door leaf, surface

Stainless steel (CNS)	<ul style="list-style-type: none">• V2A (1.4301) brushed, duplo finish, 180 grain smoothed or longitudinal grain• V4A (1.4404) circular matted, duplo finish, 180 grain smoothed
Galvanised sheet steel	<ul style="list-style-type: none">• Coloured paint (standard RAL colours, optional: special RAL colours on request)• Foil-laminated (standard RAL colours, optional: special RAL colours on request)

Frame

Installation in masonry	<ul style="list-style-type: none">• Thermotec block frame, optionally with sheet metal lining• Thermotec flat frame 150 x 50 mm, optionally with sheet metal lining• Thermotec flat frame 100 x 40 mm, size limited, without sheet metal lining
Installation in element (panel)	<ul style="list-style-type: none">• Thermotec block frame with clamping frame, optionally with sheet metal lining• Thermotec flat frame 150 x 50 mm with angle bracket frame or panel mounting, optionally with sheet metal lining• Thermotec flat frame 100 x 40 mm with angle bracket frame or panel mounting, limited in size, without sheet metal lining
Hatch frame version	<ul style="list-style-type: none">• Masonry installation: 4-sided circumferential frame• Element installation (panel): 4-sided circumferential frame, 3- or 4-sided circumferential clamping frame
Surface counter frame	<ul style="list-style-type: none">• V2A (1.4301) duplo finish 180 grain smoothed 1.5 mm• Galvanised sheet steel painted in RAL 9001, 9002, 9010 (optional: special RAL colours on request)

Hinges

Rising hinges made of stainless steel (CNS), V2A (1.4301)/plastic

Fitting/Locking mechanism

Press lever with integrated emergency release (standard version, available for D8, D12, D16)

Press lever with integrated emergency release and reverse locking (optionally available for D8)

Press lever with integrated emergency release and multi-point locking (optionally available for D8, D12, D16)

Anti-panic bar (optionally available for D8)

Emergency exit lock according to DIN EN 179 (optionally available on request)

Special equipment (optional)

Pressure compensating valve

Windows (various window sizes and shapes available on request)

Overhead door closer

Ram protection (solid colour PE 500, 5 mm/10 mm thick or VA sheet metal, on one or both sides, dimensions and mounting height variable)

Tubular track passage (available for D8)

Sill

Door contact switch (various versions available)

Double-leaf version (available for D8, D12, D16):

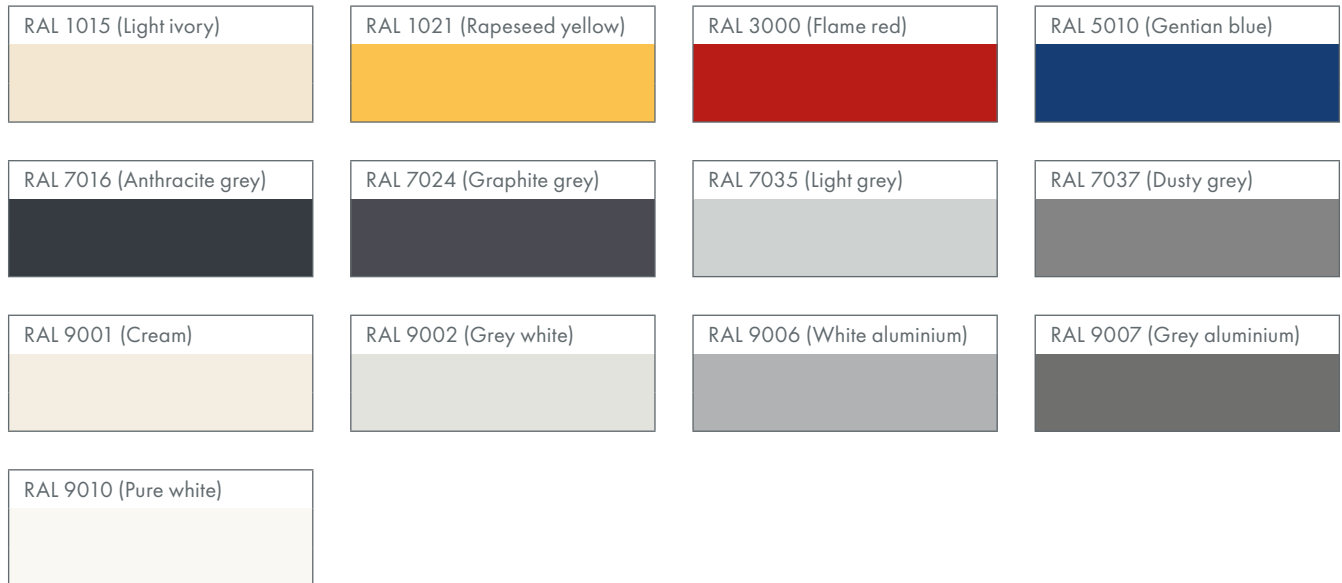
• ZD8, ZD12, ZD16: Clear width (BL) minimum = 800 mm total, access panel = 400 mm; BL maximum = 3,100 mm total, access panel = 1,550 mm



Technical data

Colour scale

Standard colours in RAL for painting without surcharge. Standard colours according to RAL for film lamination without surcharge: RAL 9001, 9010. Standard colours shown may differ from the original RAL colours. Optional: special RAL colours on request.



If you require further information on equipment options and technical details, cool it will be happy to help.



cool it
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