



Lindab Doorline™

Lindab Garage Doors Technical Information



Colour chart

Number	Name	Nearest NCS	Nearest RAL	Wood structure	Steel-stucco structure
010	Chalk white	S 0502-G	9010	●	●
022	Light grey	S 2005-G60Y	7044		●
036	Graphite grey	S 8000-N	7024	●	●
045	Steel metallic		9006		●
087	Dark grey	S 7005-B20G	7011		●
412	Fire red	S 2070-Y90R	3000		●
434	Brown	S 8005-Y80R	8017	●	●
461	Goosewing grey	S 3502-Y	7038		●
561	Blue	S4050-R90B	5019		●
742	Tile red	S 4040-Y80R	8004		●
874	Forest green	S 6020-G30Y	6003		●
980	Rapseed yellow	S 1070-Y	1021		●

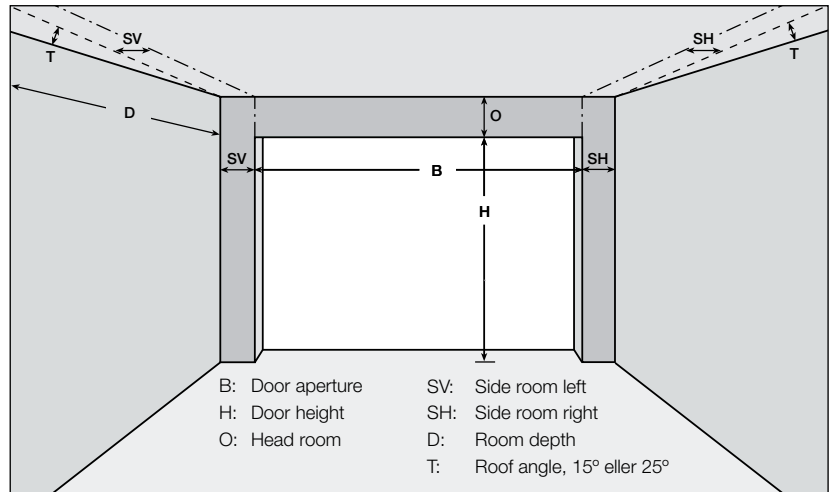
This colour chart is general and can be subject for changes.

Technical Facts

A garage Door is a distinctive feature of a building and it is important that it fits properly. Please check the measurements shown on this page to make sure that the door has necessary side and head room.

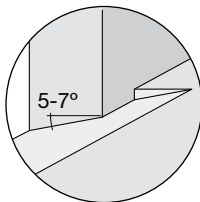
Note

If the head room O is over 400 mm, a framework need to be installed for door and door opener. If the head room is lower than 165 mm, an overhead panel can be delivered in the same colour as the door to fill the door opening.



Also check the floor

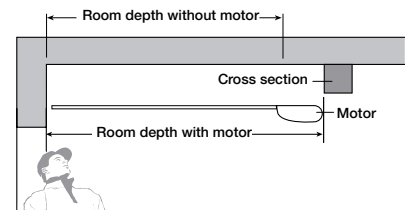
In the door opening the floor need to be horizontal so that the door can thighten properly. To lead rainwater away from the opening it is an advantage if the floor slopes outwards.



Room depth

The room depth of the garage or the distance to any crossbeam need to be more than what is shown in the tables below. If not, please contact Lindab for a special solution

Electricity placing in roof:
 Necessary room depth + 500 mm, in the centre line of the door.



Lindab Doorline



Control measures:

Min. headroom **O:** 165 mm
 Min. side room **S:** 90 mm

Min. room depth (manual opening):

Door widths under 4000 mm **D:** *3050 mm
 Door widths over 4000 mm **D:** 3200 mm
 Door heights over 2500 mm **D:** 3700 mm

Min. room depth (with door opener):

Door widths under 4000 mm and heights:
 under 2200 mm **D:** **3300 mm
 over 2200 mm **D:** 3550 mm
 Door widths over 4000 mm and heights:
 under 2500 mm **D:** 3550 mm
 over 2500 mm **D:** 4350 mm

Doors lifted along the roof line need min. room depth = D measurements:

*) 3200 mm **) 3550 mm

With paneled sections



Control measures:

Min. headroom **O:** 165 mm
 Min. side room **S:** 90 mm

Min. room depth (manual opening):

D: 3050 mm

Min. room depth (with door opener):

D: 3300 mm

Technical Facts

Door sections

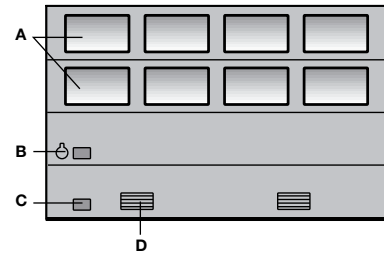
Lindab Doorline

Lindab Doorline garage doors are build up with a core of highly insulating extruded polystyrene covered by a robust steel sheeting. Top coated with 25 my polyester lacquered surface

Lindab Doorline garage doors are as standard always delivered customer made, to fit your specific door opening.

- 46 mm panel, built up with a core of extruded polystyrene.
- U value: 1,4 W/m²K

For window placements, please see page 6.



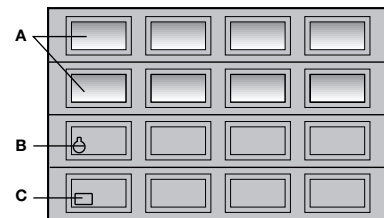
- A. The door can be delivered with windows in 3. and/or 4. section.
- B. Lock for manual operated door.
- C. Handle for manual operated door.
- D. Grilles in the bottom section of the door allows a good ventilation in the garage (not possible with paneled sections).

Lindab Doorline with paneled sections

Lindab Doorline garage doors with paneled sections are only delivered in standard sizes.

- 35 mm panel, built up with a core of polyuretan
- U value: 1,6 W/m²K

For window placements, please see page 6.



- A. The door can be delivered with windows in 3. and/or 4. section.
- B. Lock for manuel operated door.
- C. Handle for manuel operated door.

Standard sizes for garage doors with paneled sections

Door opening width (B) mm	Door opening height (H) mm
2410* (min. 2330)	1990** (min. 1940)
2560* (min. 2480)	2070** (min. 2020)
3010* (min. 2930)	2140** (min. 2090)

*) Can be used for door openings up to 80 mm more narrow, if the side room increases equally.

**) Can be used for door openings up to 50 mm lower, if the head room increases equally.

Technical Facts

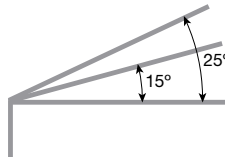
Rails

The rail system is delivered in 2 different versions:

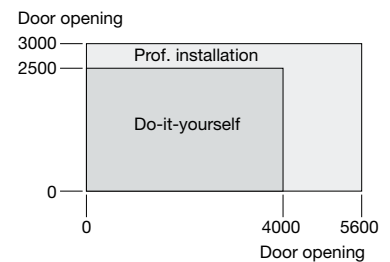
- With "Extension springs" "Do-it-yourself"-installation
- With "Torsion springs". Professional installation recommended.
- Lindab Doorline garage doors are as standard lifted in a 90° angle.

Lift along the roof line

Lindab Doorline garage doors can be delivered with lifting along the roof line in 15° or 25°. The rails are then delivered with torsion springs only. Professional installation and electric door opener is recommended.



DIY and professional installation



Our installation manuals makes it easy for "Do-it-yourself" installers. But for larger doors we recommend a professional hand.

Safety

Lindab Doorline garage doors are CE marked and fulfils the requirements of EN 12453 and EN 13241-1 for electric operated doors

Patented Finger Protection

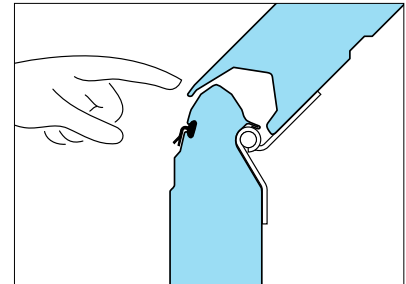
Lindab's patented Finger Protection system eliminates the risk of getting caught between the panels.

Covered rails and rollers

A special cover protects fingers from getting caught between the rails and the rollers.

Safety clutch

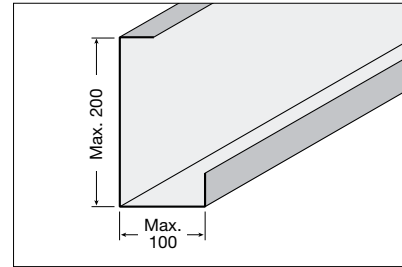
All Lindab Doorline garage doors have a safety clutch that prevents the doors from falling down in the event of a cable failure.



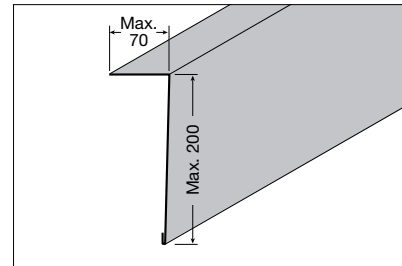
Technical Facts

Lining

Lining with 0,4 mm steel sheet in the same colour as the door can be ordered.
To be used for covering wood constructions.
Max. size: - please see drawing to the right. Length max. 4 m.



Lining with 0,4 mm steel sheet in the same colour as the door can be ordered.
To be used for covering brick works.
Max. size: - please see drawing to the right. Length max. 4 m.



Overhead panel

An overhead panel can be delivered in the same colour as the door to reduce the door opening. The overhead panels can not be used to fix the door.
Door panel size: door opening width × 600 mm
Minimum height: 100 mm



Technical Facts

Windows and ventilation grilles in standard sections

Window size, external measurements:

b × h: 635 × 330 mm

Frame colour: White frames on white doors. Black frames on all other colours.



Ventilation grilles size, external measurements:

b × h: 337 × 132 mm

Delivered with or without damper.

Grill with damper (only in white)

Grill without damper (white or black)



Number of windows and grilles per section

Door width mm	Windows (no per sektion) Placed in 3. and/or 4. section	Grilles (no) Placed in bottom section
1000 - 1200	1	max. 1
1201 - 2200	2	max. 2
2201 - 3000	3	max. 3
3001 - 3600	4	max. 4
3601 - 4400	5	max. 5
4401 - 5200	6	max. 6
5201 - 5600	7	max. 7

The number of windows per section are fixed in relation to the width of the door.

Windows in paneled sections

Window size, external measurements:

b × h: 538 × 348 mm

Frame colour: White.



Number of windows per section

Door width mm	Windows (no per section) Placed in 3. and/or 4. section
2410	4
2560	4
3010	5

The number of windows per section are fixed in relation to the width of the door.

Technical Facts

Manual operation

Handle and lock

Handle and lock are white on white doors and black on all other colours.

Are as standard delivered with an oval 5-pin RUKO-cylinder.

- Lock excl. cylinder
- 5-pin Ruco-cylinder
- 5-pin ASSA-cylinder
- 7-pin ASSA-cylinder



Automatic operation

Marantec 220

Used for doors up to 4000 mm width and maximum 2500 mm height.

- 2 pcs. 2-channel mini remote control
- 868 MHz
- Wall holder
- Pull./pushforce: 500 N
- Opening speed: 140 mm/sec.
- Soft start/stop.



Marantec 250

Used for doors over 4000 mm in width and more than 2500 mm in height and for all doors lifted along the roof line.

- 2 pcs. 2-channel mini remote control
- 868 MHz
- Wall holder
- Pull./pushforce: 700 N
- Opening speed: 140 mm/sec.
- Soft start/stop.



Technical Facts

Accessories - Automatic operation

Mini remote control MHS2 / MHS4

Extra remote control in mini format. Perfect for key ring or lady's handbag

- 868 MHz
- IP54 sealed
- delivered with encoder
- Size: 38 × 72 × 12 mm
- 2 or 4 channels



Micro remote control MHS3

Extra remote control in micro format. Perfect for key ring or lady's handbag

- 868 MHz
- IP54 sealed
- Delivered with encoder
- Size: 34 × 50 × 12 mm
- 3 channels



Coded keyboard MBK2

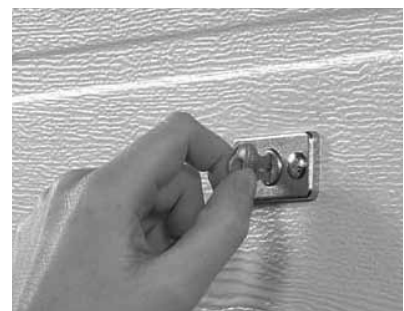
For opening the door without a remote control or key.

- 868 MHz
- IP54 sealed
- Delivered with encoder
- Wireless
- Size: 70 × 110 × 48 mm
- 3 channels



Emergency opening MN1

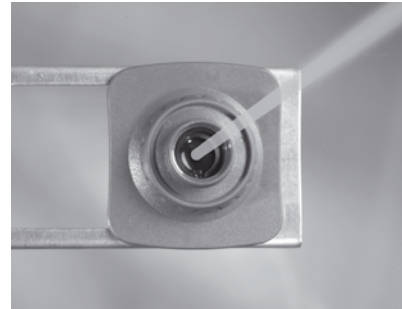
To be used when the garage door is the only entrance to the garage.



Photocells MFS1

Photocells placed 250 mm above floor level.

- IP32sealed
- Delivered with 2 × 10 m cable

**Interior switch MBT1**

Button for wall installation with lamps indicating open and closed position.

- Delivered with 7 m cable and encoder
- Size: 47 × 73 × 24 mm

**Wall holder MVH**

For Mini remote control MHS2 / MHS4

**Extern antenna MRA1**

With built in amplifier for places with problematic transmittance.

- Delivered with 7,5 m cable and encoder.





Lindab Profile is a business area within the Lindab Group that develops, manufactures, and markets efficient, economical and aesthetic steel and sheet-metal solutions for the building industry.

We offer everything from complete building systems to individual building components for all types of housing, as well as commercial and industrial buildings.

Lindab Profile is represented in over 25 countries throughout Europe. Our head office is in Förslöv, in the south of Sweden.



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