

SBH2600 up to 7m width, up to 21m length with OSB floor – all Windzones

| width (m) | max. length (m) | snow load (kN/m ²) | increased snow load ¹ (kN/m ²) | Windzones 1+2 max. length without extension portal (m) | Windzones 3+4 max. length without extension portal (m) | double door throughway width x height ² (m) |
|-----------|-----------------|--------------------------------|---|--|--|--|
| 3 | 21 | 2,00 | 3,40 | 10,5 | 6,30 | 1,960 x 2,20 |
| 4 | 21 | 1,45 | 2,50 | 14,7 | 6,30 | 1,960 x 2,20 |
| 5 | 21 | 1,10 | 1,95 | 18,9 | 6,30 | 1,960 x 2,20 |
| 6 | 21 | 0,90 | 1,60 | 21 | 6,30 | 1,960 x 2,20 |
| 7 | 21 | 0,75 | 1,35 | 21 | 6,30 | 1,960 x 2,20 |
| 7 | 21 | 0,95 (extra wall supports) | | 21 | 6,30 | 1,960 x 2,20 |

SBH3000 up to 7m width, up to 48m length – all Windzones

| width (m) | max. length (m) | snow load (kN/m ²) | increased snow load ¹ (kN/m ²) | Windzones 1+2 max. length without extension portal (m) | Windzones 3+4 max. length without extension portal (m) | roller shutter door throughway width x height ² (m) |
|-----------|-----------------|--------------------------------|---|--|--|--|
| 4 | 48 | 1,45 | 2,50 | 14,7 | 6,30 | 1,960 x 2,20 2,360 x 2,40 ³ |
| 5 | 48 | 1,10 | 1,95 | 18,9 | 6,30 | 2,360 x 2,40 |
| 6 | 48 | 0,90 | 1,60 | 21 | 6,30 | 2,360 x 2,40 |
| 7 | 48 | 0,75 | 1,35 | 21 | 6,30 | 2,360 x 2,40 |
| 7 | 48 | 0,95 (extra wall supports) | | 21 | 6,30 | 2,360 x 2,40 |

max. distance between extension portals for warehouses > 21m: Windzones 1+2 10,5m
Windzones 3+4 6,3m

SBH4000 up to 7m width, up to 30m length – all Windzones

| width (m) | | snow load (kN/m ²) | increased snow load ¹ (kN/m ²) | Windzones 1+2 max. length without roller door portal (m) | Windzones 3+4 max. length without roller door portal (m) | roller shutter door throughway width x height ² (m) |
|----------------|--|--------------------------------|---|--|--|--|
| 4 | | 2,00 | 4,00 | always with roller door portal | always with roller door portal | 3 x 3 |
| 5 | | 2,00 | 3,30 | 8,4 | always with roller door portal | 3 x 3 |
| 6 | | 1,30 | 2,20 | 12,6 | always with roller door portal | 3 x 3 |
| 7 ⁴ | | 0,95 | 1,60 | all lengths | always with roller door portal | 3 x 3 |

max. distance between extension portals: Windzones 1+2 12,6m
Windzones 3+4 6,3m

SBH4800 up to 7m width, up to 30m length – only Windzones 1+2

| width (m) | | snow load (kN/m ²) | increased snow load ¹ (kN/m ²) | Windzones 1+2 max. length without roller door portal (m) | Windzones 3+4 max. length without roller door portal (m) | roller shutter door throughway width x height ² (m) |
|----------------|--|--------------------------------|---|--|--|--|
| 5 | | 2,00 | 3,30 | always with roller door portal | not possible | 3,560 x 4 |
| 6 | | 1,30 | 2,20 | 8,4 | not possible | 3,560 x 4 |
| 7 ⁴ | | 0,95 | 1,60 | 10,5 | not possible | 3,560 x 4 |

max. distance between extension portals: Windzones 1+2 12,6m
Windzones 3+4 not possible

The snow load is always given for the largest warehouse!

SBH4000 up to 14m width, up to 30m length – all Windzones

| width (m) | | snow load (kN/m ²) | increased snow load ⁵ (kN/m ²) | roller shutter door throughway width x height ² (m) |
|----------------|--|--------------------------------|---|--|
| 4 | | 2,00 | 3,00 | 3 x 3 |
| 5 | | 2,00 | 2,25 | 3 x 3 |
| 6 | | 1,30 | 1,75 | 3 x 3 |
| 7 ⁴ | | 0,95 | 1,40 | 3 x 3 |

max. distance between extension portals: Windzones 1+2 10,5m
Windzones 3+4 8,4m

SBH4800 up to 14m width, up to 30m length – only Windzones 1+2

| width (m) | | snow load (kN/m ²) | increased snow load ⁵ (kN/m ²) | roller shutter door throughway width x height ² (m) |
|----------------|--|--------------------------------|---|--|
| 5 | | 2,00 | 2,25 | 3,560 x 4 |
| 6 | | 1,30 | 1,75 | 3,560 x 4 |
| 7 ⁴ | | 0,95 | 1,40 | 3,560 x 4 |

max. distance between extension portals: Windzones 1+2 10,5m
Windzones 3+4 not possible

| | width (m) | length (m) | snow load (kN/m ²) |
|---------------------------------|-----------|-----------------------|--------------------------------|
| MC3/SC3000/SC6 | 2,1 | all lengths | 2,1 |
| SCC / CTK⁶ | max. 5 | max. 6 (3 containers) | 2,0 |
| LC – standard | 2,3 | 6,1m | 1,0 |
| LC – special⁷ | 2,3 | 6,1m | 2,0 |

In general:

- Care should be taken where snowdrifts occur!
- Permissible soil pressure 250 kN/m²
- A further increase in snow load is not possible!

¹ Ground nail fastening is not permitted in all german federal states.

² Opening **must** be closed!

³ Only with extension portal.

⁴ "North German Plain": within the snow load zone 2, the 7m warehouse is only available with a height increase.

⁵ Ground nail fastening is not permitted for warehouses with multiple aisles.

⁶ Except for LaCont

⁷ With purpose-built C rails in the roof area.