

## General notes on span tables for roof panels

Note the following:

- The characteristic loads are to be determined according to the terms of valid standards and eurocodes.
- Choose the minimal supporting width from wind pressure, snow load or wind suction for the respective case of application. The wind pressure that possibly needs to be taken into account may be added to the snow load for safety reasons. When doing so, the combination coefficients  $\Psi$  according to DIN EN 14509, Appendix E, Table E6 can be considered.
- Colour groups I (very light), II (light) and III (dark) – see approval.
- This span table is valid for buildings with normal interior climate (no cold store or ripening facilities).
- Valid supporting widths are stated in meters (m), support widths in millimetres (mm), see example below.
- The deflection amounts to a maximum of L/100 under consideration of all unfavourable loads, including long-time exposure, and to a maximum of L/200 for short-term exposure.
- In each case a separate proof for fixing material is required (for tensile load of wind suction and temperature, for pulling out of the subconstruction and the screw head deflection).

### Example:

from snow load table (incl. wind pressure):

40	→ end support width necessary (mm)
<b>3,44</b>	→ valid supporting width (m)
60	→ intermediate support width necessary (mm)

from wind suction table:

<b>5,19</b>	→ valid supporting width (m)
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**valid supporting width = 3,44 m**  
(lowest value of both tables)

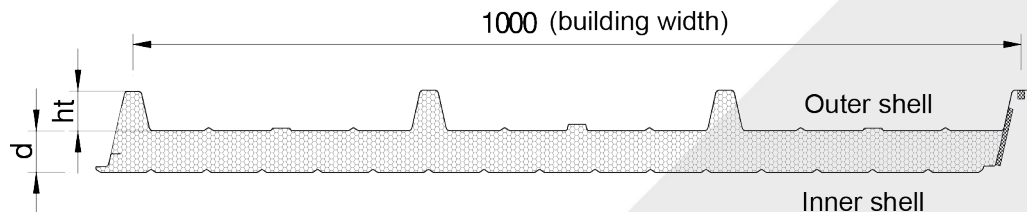
## Span table 11-03

As of 10 / 2018

**G4 (T/S), d = 30 mm**

**t<sub>N</sub> = 0,60 / 0,45 mm, S320GD**

Max. valid supporting widths stated in the following are attested according to approval Z-10.49-516 of 23rd of June 2011 in accordance with EN 14509. Instructions for the application of the table can be gathered from the front page.



### Valid supporting widths [m] for snow loads

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		0,00	0,60	0,70	0,80	0,90	1,00	1,25	1,50	1,75	2,00
single span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>3,31</b>	<b>2,88</b>	<b>2,77</b>	<b>2,64</b>	<b>2,46</b>	<b>2,30</b>	<b>2,01</b>	<b>1,80</b>	<b>1,64</b>	<b>1,52</b>
dual span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>5,90</b>	<b>3,10</b>	<b>2,85</b>	<b>2,64</b>	<b>2,46</b>	<b>2,30</b>	<b>2,01</b>	<b>1,80</b>	<b>1,64</b>	<b>1,52</b>
multiple span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>5,47</b>	<b>3,11</b>	<b>2,85</b>	<b>2,64</b>	<b>2,46</b>	<b>2,30</b>	<b>2,01</b>	<b>1,80</b>	<b>1,64</b>	<b>1,52</b>
		60	60	60	60	60	60	60	60	60	60

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		2,25	2,50	2,75	3,00	3,25	3,50	4,00	4,25	4,50	5,00
single span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>1,42</b>	<b>1,33</b>	<b>1,26</b>	<b>1,20</b>	<b>1,15</b>	<b>1,10</b>	<b>1,02</b>	<b>0,99</b>	<b>0,96</b>	<b>0,90</b>
dual span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>1,42</b>	<b>1,33</b>	<b>1,26</b>	<b>1,20</b>	<b>1,15</b>	<b>1,10</b>	<b>1,02</b>	<b>0,99</b>	<b>0,96</b>	<b>0,90</b>
multiple span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>1,42</b>	<b>1,33</b>	<b>1,26</b>	<b>1,20</b>	<b>1,15</b>	<b>1,10</b>	<b>1,02</b>	<b>0,99</b>	<b>0,96</b>	<b>0,90</b>
		60	60	62	65	67	69	73	75	77	80

### Valid supporting widths [m] for wind suction

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		0,00	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,25	1,50
single span	I, II, III	<b>3,31</b>	<b>2,81</b>	<b>2,71</b>	<b>2,63</b>	<b>2,56</b>	<b>2,50</b>	<b>2,44</b>	<b>2,38</b>	<b>2,27</b>	<b>2,15</b>
dual span	I, II, III	<b>5,90</b>	<b>4,99</b>	<b>4,40</b>	<b>3,94</b>	<b>3,56</b>	<b>3,26</b>	<b>3,02</b>	<b>2,82</b>	<b>2,43</b>	<b>2,15</b>
multiple span	I, II, III	<b>5,47</b>	<b>4,99</b>	<b>4,40</b>	<b>3,94</b>	<b>3,56</b>	<b>3,26</b>	<b>3,02</b>	<b>2,82</b>	<b>2,43</b>	<b>2,15</b>

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	4,00	5,00
single span	I, II, III	<b>1,94</b>	<b>1,77</b>	<b>1,63</b>	<b>1,52</b>	<b>1,43</b>	<b>1,35</b>	<b>1,28</b>	<b>1,22</b>	<b>1,12</b>	<b>0,98</b>
dual span	I, II, III	<b>1,94</b>	<b>1,77</b>	<b>1,63</b>	<b>1,52</b>	<b>1,43</b>	<b>1,35</b>	<b>1,28</b>	<b>1,22</b>	<b>1,12</b>	<b>0,98</b>
multiple span	I, II, III	<b>1,94</b>	<b>1,77</b>	<b>1,63</b>	<b>1,52</b>	<b>1,43</b>	<b>1,35</b>	<b>1,28</b>	<b>1,22</b>	<b>1,12</b>	<b>0,98</b>

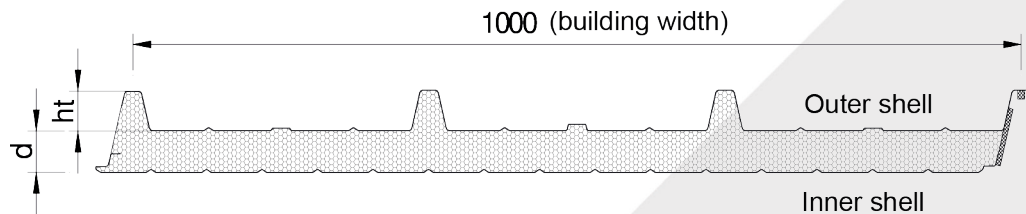
## Span table 11-04

As of 10 / 2018

**G4 (T/S), d = 40 mm**

**$t_N = 0,60 / 0,45$  mm, S320GD**

Max. valid supporting widths stated in the following are attested according to approval Z-10.49-516 of 23rd of June 2011 in accordance with EN 14509. Instructions for the application of the table can be gathered from the front page.



### Valid supporting widths [m] for snow loads

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		0,00	0,60	0,70	0,80	0,90	1,00	1,25	1,50	1,75	2,00
single span	I, II, III	40 <b>3,76</b>	40 <b>3,27</b>	40 <b>3,13</b>	40 <b>3,01</b>	40 <b>2,86</b>	40 <b>2,67</b>	40 <b>2,29</b>	40 <b>2,02</b>	40 <b>1,82</b>	40 <b>1,66</b>
dual span	I, II, III	40 <b>6,94</b>	40 <b>3,24</b>	40 <b>2,99</b>	40 <b>2,79</b>	40 <b>2,62</b>	40 <b>2,48</b>	40 <b>2,21</b>	40 <b>2,00</b>	40 <b>1,82</b>	40 <b>1,66</b>
		60	60	60	60	60	60	60	60	60	61
multiple span	I, II, III	40 <b>6,23</b>	40 <b>3,70</b>	40 <b>3,36</b>	40 <b>3,09</b>	40 <b>2,86</b>	40 <b>2,67</b>	40 <b>2,29</b>	40 <b>2,02</b>	40 <b>1,82</b>	40 <b>1,66</b>
		60	60	60	60	60	60	60	60	60	61

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		2,25	2,50	2,75	3,00	3,25	3,50	4,00	4,25	4,50	5,00
single span	I, II, III	40 <b>1,54</b>	40 <b>1,43</b>	40 <b>1,35</b>	40 <b>1,28</b>	40 <b>1,21</b>	40 <b>1,16</b>	40 <b>1,07</b>	40 <b>1,03</b>	40 <b>1,00</b>	42 <b>0,94</b>
dual span	I, II, III	40 <b>1,54</b>	40 <b>1,43</b>	40 <b>1,35</b>	40 <b>1,28</b>	40 <b>1,21</b>	40 <b>1,16</b>	40 <b>1,07</b>	40 <b>1,03</b>	40 <b>1,00</b>	42 <b>0,94</b>
		63	65	67	69	71	73	76	78	80	83
multiple span	I, II, III	40 <b>1,54</b>	40 <b>1,43</b>	40 <b>1,35</b>	40 <b>1,28</b>	40 <b>1,21</b>	40 <b>1,16</b>	40 <b>1,07</b>	40 <b>1,03</b>	40 <b>1,00</b>	42 <b>0,94</b>
		63	65	67	69	71	73	76	78	80	83

### Valid supporting widths [m] for wind suction

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		0,00	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,25	1,50
single span	I, II, III	<b>3,76</b>	<b>3,19</b>	<b>3,07</b>	<b>2,97</b>	<b>2,88</b>	<b>2,81</b>	<b>2,74</b>	<b>2,68</b>	<b>2,62</b>	<b>2,43</b>
dual span	I, II, III	<b>6,94</b>	<b>5,82</b>	<b>5,11</b>	<b>4,60</b>	<b>4,07</b>	<b>3,68</b>	<b>3,37</b>	<b>3,12</b>	<b>2,67</b>	<b>2,36</b>
multiple span	I, II, III	<b>6,23</b>	<b>5,79</b>	<b>5,11</b>	<b>4,62</b>	<b>4,25</b>	<b>3,96</b>	<b>3,70</b>	<b>3,45</b>	<b>2,97</b>	<b>2,61</b>

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	4,00	5,00
single span	I, II, III	<b>2,30</b>	<b>2,11</b>	<b>1,93</b>	<b>1,78</b>	<b>1,66</b>	<b>1,55</b>	<b>1,46</b>	<b>1,38</b>	<b>1,25</b>	<b>1,06</b>
dual span	I, II, III	<b>2,14</b>	<b>1,96</b>	<b>1,82</b>	<b>1,71</b>	<b>1,62</b>	<b>1,54</b>	<b>1,46</b>	<b>1,38</b>	<b>1,25</b>	<b>1,06</b>
multiple span	I, II, III	<b>2,33</b>	<b>2,11</b>	<b>1,93</b>	<b>1,78</b>	<b>1,66</b>	<b>1,55</b>	<b>1,46</b>	<b>1,38</b>	<b>1,25</b>	<b>1,06</b>

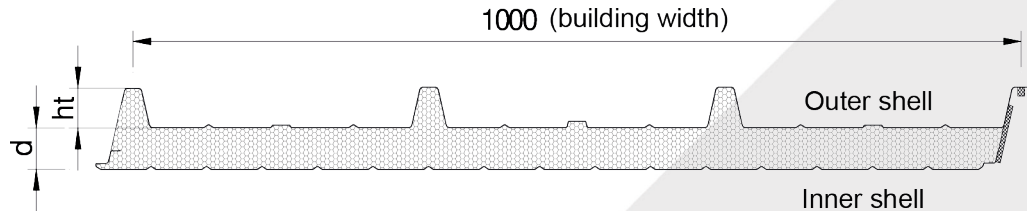
## Span table 11-06

As of 10 / 2018

**G4 (T/S), d = 60 mm**

**t<sub>N</sub> = 0,60 / 0,45 mm, S320GD**

Max. valid supporting widths stated in the following are attested according to approval Z-10.49-516 of 23rd of June 2011 in accordance with EN 14509. Instructions for the application of the table can be gathered from the front page.



### Valid supporting widths [m] for snow loads

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		0,00	0,30	0,70	0,80	0,90	1,00	1,25	1,50	1,75	2,00
single span	I, II, III	40 <b>4,76</b>	40 <b>4,06</b>	40 <b>3,88</b>	40 <b>3,73</b>	40 <b>3,60</b>	40 <b>3,48</b>	40 <b>3,01</b>	40 <b>2,59</b>	40 <b>2,27</b>	40 <b>2,03</b>
dual span	I, II, III	40 <b>7,44</b>	40 <b>3,50</b>	40 <b>3,22</b>	40 <b>2,99</b>	40 <b>2,80</b>	40 <b>2,64</b>	40 <b>2,33</b>	40 <b>2,10</b>	40 <b>1,97</b>	40 <b>1,80</b>
		60	60	60	60	60	60	60	60	62	66
multiple span	I, II, III	40 <b>7,78</b>	40 <b>3,98</b>	40 <b>3,66</b>	40 <b>3,40</b>	40 <b>3,18</b>	40 <b>2,99</b>	40 <b>2,64</b>	40 <b>2,38</b>	40 <b>2,18</b>	40 <b>2,02</b>
		60	60	60	60	60	60	62	67	71	74

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		2,25	2,50	2,75	3,00	3,25	3,50	4,00	4,25	4,50	5,00
single span	I, II, III	40 <b>1,84</b>	40 <b>1,69</b>	40 <b>1,56</b>	40 <b>1,46</b>	40 <b>1,38</b>	41 <b>1,30</b>	42 <b>1,18</b>	43 <b>1,13</b>	44 <b>1,09</b>	45 <b>1,01</b>
dual span	I, II, III	40 <b>1,68</b>	40 <b>1,59</b>	40 <b>1,51</b>	40 <b>1,44</b>	40 <b>1,38</b>	41 <b>1,30</b>	42 <b>1,18</b>	43 <b>1,13</b>	44 <b>1,09</b>	45 <b>1,01</b>
		69	72	75	78	81	82	84	86	87	90
multiple span	I, II, III	40 <b>1,84</b>	40 <b>1,69</b>	40 <b>1,56</b>	40 <b>1,46</b>	40 <b>1,38</b>	41 <b>1,30</b>	42 <b>1,18</b>	43 <b>1,13</b>	44 <b>1,09</b>	45 <b>1,01</b>
		76	77	78	79	81	82	84	86	87	90

### Valid supporting widths [m] for wind suction

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		0,00	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,25	1,50
single span	I, II, III	<b>4,76</b>	<b>4,10</b>	<b>3,93</b>	<b>3,78</b>	<b>3,66</b>	<b>3,55</b>	<b>3,45</b>	<b>3,36</b>	<b>3,17</b>	<b>3,00</b>
dual span	I, II, III	<b>7,44</b>	<b>6,39</b>	<b>6,06</b>	<b>5,45</b>	<b>4,78</b>	<b>4,28</b>	<b>3,89</b>	<b>3,58</b>	<b>3,02</b>	<b>2,64</b>
multiple span	I, II, III	<b>7,78</b>	<b>6,39</b>	<b>6,06</b>	<b>5,45</b>	<b>5,01</b>	<b>4,65</b>	<b>4,37</b>	<b>4,13</b>	<b>3,61</b>	<b>3,13</b>

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	4,00	5,00
single span	I, II, III	<b>2,82</b>	<b>2,67</b>	<b>2,54</b>	<b>2,43</b>	<b>2,29</b>	<b>2,12</b>	<b>1,97</b>	<b>1,84</b>	<b>1,62</b>	<b>1,32</b>
dual span	I, II, III	<b>2,37</b>	<b>2,16</b>	<b>2,00</b>	<b>1,87</b>	<b>1,76</b>	<b>1,66</b>	<b>1,58</b>	<b>1,51</b>	<b>1,40</b>	<b>1,22</b>
multiple span	I, II, III	<b>2,78</b>	<b>2,52</b>	<b>2,31</b>	<b>2,14</b>	<b>2,00</b>	<b>1,89</b>	<b>1,79</b>	<b>1,70</b>	<b>1,56</b>	<b>1,32</b>

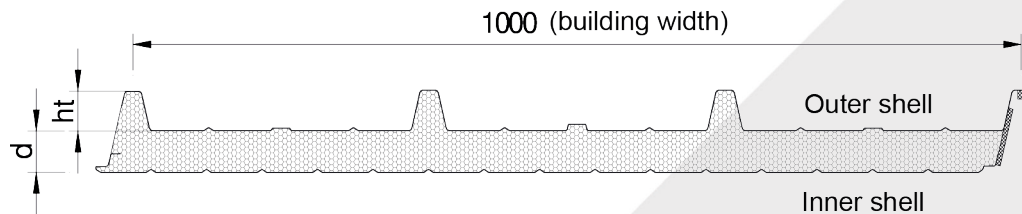
# Span table 11-08

As of 10 / 2018

**G4 (T/S), d = 80 mm**

**t<sub>N</sub> = 0,60 / 0,45 mm, S320GD**

Max. valid supporting widths stated in the following are attested according to approval Z-10.49-516 of 23rd of June 2011 in accordance with EN 14509. Instructions for the application of the table can be gathered from the front page.



## Valid supporting widths [m] for snow loads

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		0,00	0,60	0,70	0,80	0,90	1,00	1,25	1,50	1,75	2,00
single span	I, II, III	40	40	40	40	40	40	43	45	45	45
		<b>5,75</b>	<b>4,78</b>	<b>4,57</b>	<b>4,36</b>	<b>4,15</b>	<b>3,97</b>	<b>3,59</b>	<b>3,19</b>	<b>2,76</b>	<b>2,42</b>
dual span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>8,06</b>	<b>3,66</b>	<b>3,36</b>	<b>3,12</b>	<b>2,92</b>	<b>2,74</b>	<b>2,42</b>	<b>2,18</b>	<b>1,99</b>	<b>1,85</b>
multiple span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>9,19</b>	<b>4,15</b>	<b>3,80</b>	<b>3,52</b>	<b>3,29</b>	<b>3,09</b>	<b>2,71</b>	<b>2,44</b>	<b>2,23</b>	<b>2,07</b>

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		2,25	2,50	2,75	3,00	3,25	3,50	4,00	4,25	4,50	5,00
single span	I, II, III	44	44	44	44	45	45	46	46	47	48
		<b>2,15</b>	<b>1,94</b>	<b>1,77</b>	<b>1,63</b>	<b>1,52</b>	<b>1,43</b>	<b>1,28</b>	<b>1,22</b>	<b>1,16</b>	<b>1,08</b>
dual span	I, II, III	40	40	40	40	42	43	45	46	47	48
		<b>1,73</b>	<b>1,63</b>	<b>1,55</b>	<b>1,48</b>	<b>1,42</b>	<b>1,36</b>	<b>1,27</b>	<b>1,22</b>	<b>1,16</b>	<b>1,08</b>
multiple span	I, II, III	40	41	43	44	45	45	46	46	47	48
		<b>1,93</b>	<b>1,82</b>	<b>1,73</b>	<b>1,63</b>	<b>1,52</b>	<b>1,43</b>	<b>1,28</b>	<b>1,22</b>	<b>1,16</b>	<b>1,08</b>

## Valid supporting widths [m] for wind suction

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		0,00	0,0	0,50	0,60	0,70	0,80	0,90	1,00	1,25	1,50
single span	I, II, III	<b>5,75</b>	<b>5,12</b>	<b>4,87</b>	<b>4,66</b>	<b>4,48</b>	<b>4,33</b>	<b>4,20</b>	<b>4,08</b>	<b>3,82</b>	<b>3,54</b>
		<b>8,06</b>	<b>7,93</b>	<b>6,92</b>	<b>6,15</b>	<b>5,34</b>	<b>4,75</b>	<b>4,29</b>	<b>3,93</b>	<b>3,29</b>	<b>2,86</b>
multiple span	I, II, III	<b>9,19</b>	<b>7,94</b>	<b>6,92</b>	<b>6,22</b>	<b>5,70</b>	<b>5,29</b>	<b>4,96</b>	<b>4,69</b>	<b>3,92</b>	<b>3,37</b>

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	4,00	5,00
single span	I, II, III	<b>3,31</b>	<b>3,12</b>	<b>2,96</b>	<b>2,82</b>	<b>2,70</b>	<b>2,59</b>	<b>2,48</b>	<b>2,36</b>	<b>2,07</b>	<b>1,62</b>
		<b>2,56</b>	<b>2,33</b>	<b>2,15</b>	<b>2,00</b>	<b>1,88</b>	<b>1,77</b>	<b>1,68</b>	<b>1,60</b>	<b>1,47</b>	<b>1,28</b>
multiple span	I, II, III	<b>2,98</b>	<b>2,68</b>	<b>2,45</b>	<b>2,27</b>	<b>2,12</b>	<b>1,99</b>	<b>1,88</b>	<b>1,78</b>	<b>1,63</b>	<b>1,41</b>



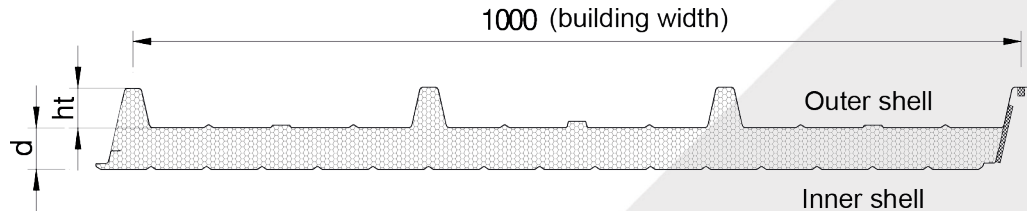
## Span table 11-10

As of 10 / 2018

**G4 (T/S), d = 100 mm**

**t<sub>N</sub> = 0,60 / 0,45 mm, S320GD**

Max. valid supporting widths stated in the following are attested according to approval Z-10.49-516 of 23rd of June 2011 in accordance with EN 14509. Instructions for the application of the table can be gathered from the front page.



### Valid supporting widths [m] for snow loads

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		0,00	0,60	0,70	0,80	0,90	1,00	1,25	1,50	1,75	2,00
single span	I, II, III	40	40	40	40	40	44	49	52	56	56
		<b>6,71</b>	<b>5,51</b>	<b>5,24</b>	<b>4,96</b>	<b>4,72</b>	<b>4,50</b>	<b>4,06</b>	<b>3,71</b>	<b>3,42</b>	<b>3,04</b>
dual span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>8,52</b>	<b>3,87</b>	<b>3,55</b>	<b>3,28</b>	<b>3,07</b>	<b>2,88</b>	<b>2,53</b>	<b>2,27</b>	<b>2,07</b>	<b>1,92</b>
multiple span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>10,53</b>	<b>4,36</b>	<b>3,99</b>	<b>3,69</b>	<b>3,44</b>	<b>3,23</b>	<b>2,82</b>	<b>2,53</b>	<b>2,30</b>	<b>2,13</b>
		60	60	60	60	60	60	61	64	68	71
		60	60	60	60	60	63	68	72	75	79

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		2,25	2,50	2,75	3,00	3,25	3,50	4,00	4,25	4,50	5,00
single span	I, II, III	55	54	53	52	52	52	51	52	52	52
		<b>2,67</b>	<b>2,37</b>	<b>2,13</b>	<b>1,93</b>	<b>1,77</b>	<b>1,64</b>	<b>1,43</b>	<b>1,36</b>	<b>1,28</b>	<b>1,17</b>
dual span	I, II, III	40	40	40	41	43	44	47	48	49	51
		<b>1,79</b>	<b>1,68</b>	<b>1,60</b>	<b>1,52</b>	<b>1,45</b>	<b>1,39</b>	<b>1,30</b>	<b>1,25</b>	<b>1,21</b>	<b>1,15</b>
multiple span	I, II, III	41	43	44	46	47	49	51	52	52	52
		<b>1,99</b>	<b>1,87</b>	<b>1,77</b>	<b>1,68</b>	<b>1,61</b>	<b>1,54</b>	<b>1,43</b>	<b>1,36</b>	<b>1,28</b>	<b>1,17</b>
		74	77	80	83	85	88	93	95	97	103
		82	85	89	91	95	97	103	104	103	104

### Valid supporting widths [m] for wind suction

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		0,00	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,25	1,50
single span	I, II, III	<b>6,71</b>	<b>6,21</b>	<b>5,86</b>	<b>5,59</b>	<b>5,36</b>	<b>5,16</b>	<b>4,99</b>	<b>4,84</b>	<b>4,47</b>	<b>4,14</b>
dual span	I, II, III	<b>8,52</b>	<b>8,50</b>	<b>7,71</b>	<b>6,92</b>	<b>5,98</b>	<b>5,28</b>	<b>4,75</b>	<b>4,34</b>	<b>3,60</b>	<b>3,12</b>
multiple span	I, II, III	<b>10,53</b>	<b>8,88</b>	<b>7,71</b>	<b>6,92</b>	<b>6,33</b>	<b>5,87</b>	<b>5,50</b>	<b>5,19</b>	<b>4,30</b>	<b>3,67</b>

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	4,00	5,00
single span	I, II, III	<b>3,86</b>	<b>3,62</b>	<b>3,41</b>	<b>3,23</b>	<b>3,08</b>	<b>2,96</b>	<b>2,84</b>	<b>2,73</b>	<b>2,51</b>	<b>2,11</b>
dual span	I, II, III	<b>2,78</b>	<b>2,52</b>	<b>2,31</b>	<b>2,15</b>	<b>2,01</b>	<b>1,89</b>	<b>1,79</b>	<b>1,71</b>	<b>1,56</b>	<b>1,35</b>
multiple span	I, II, III	<b>3,23</b>	<b>2,89</b>	<b>2,63</b>	<b>2,42</b>	<b>2,26</b>	<b>2,11</b>	<b>1,99</b>	<b>1,89</b>	<b>1,72</b>	<b>1,48</b>

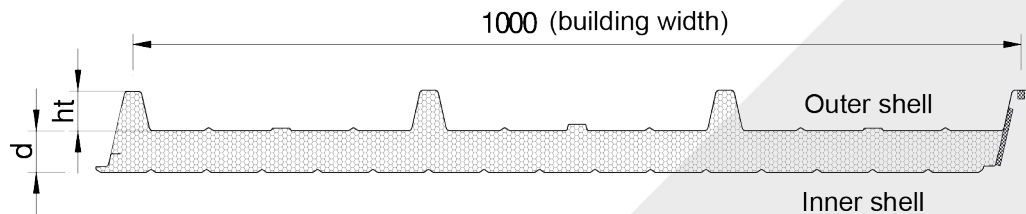
## Span table 11-12

As of 10 / 2018

**G4 (T/S), d = 120 mm**

**t<sub>N</sub> = 0,60 / 0,45 mm, S320GD**

Max. valid supporting widths stated in the following are attested according to approval Z-10.49-516 of 23rd of June 2011 in accordance with EN 14509. Instructions for the application of the table can be gathered from the front page.



### Valid supporting widths [m] for snow loads

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		0,00	0,60	0,70	0,80	0,90	1,00	1,25	1,50	1,75	2,00
single span	I, II, III	40	40	40	40	40	53	59	64	67	71
		<b>7,69</b>	<b>6,34</b>	<b>6,08</b>	<b>5,84</b>	<b>5,64</b>	<b>5,41</b>	<b>4,89</b>	<b>4,47</b>	<b>4,11</b>	<b>3,81</b>
dual span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>9,47</b>	<b>4,24</b>	<b>3,88</b>	<b>3,58</b>	<b>3,34</b>	<b>3,13</b>	<b>2,72</b>	<b>2,43</b>	<b>2,21</b>	<b>2,04</b>
multiple span	I, II, III	40	40	40	40	40	40	40	40	40	42
		<b>11,90</b>	<b>4,77</b>	<b>4,35</b>	<b>4,01</b>	<b>3,73</b>	<b>3,49</b>	<b>3,03</b>	<b>2,70</b>	<b>2,45</b>	<b>2,25</b>
		60	60	60	60	60	62	65	69	72	76
		60	61	63	65	67	69	73	77	80	84

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		2,25	2,50	2,75	3,00	3,25	3,50	4,00	4,25	4,50	5,00
single span	I, II, III	74	76	75	73	72	70	67	66	65	63
		<b>3,56</b>	<b>3,31</b>	<b>2,98</b>	<b>2,69</b>	<b>2,44</b>	<b>2,22</b>	<b>1,86</b>	<b>1,73</b>	<b>1,61</b>	<b>1,42</b>
dual span	I, II, III	40	41	42	43	45	46	48	50	51	53
		<b>1,90</b>	<b>1,78</b>	<b>1,68</b>	<b>1,59</b>	<b>1,52</b>	<b>1,45</b>	<b>1,34</b>	<b>1,30</b>	<b>1,26</b>	<b>1,18</b>
multiple span	I, II, III	43	45	46	48	49	51	53	55	56	58
		<b>2,09</b>	<b>1,96</b>	<b>1,85</b>	<b>1,76</b>	<b>1,68</b>	<b>1,60</b>	<b>1,48</b>	<b>1,43</b>	<b>1,39</b>	<b>1,30</b>
		79	82	84	87	89	92	96	99	102	105
		87	90	93	96	99	101	106	109	112	116

### Valid supporting widths [m] for wind suction

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		0,00	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,25	1,50
single span	I, II, III	<b>7,69</b>	<b>7,36</b>	<b>6,92</b>	<b>6,57</b>	<b>6,29</b>	<b>6,06</b>	<b>5,85</b>	<b>5,67</b>	<b>5,14</b>	<b>4,67</b>
dual span	I, II, III	<b>9,47</b>	<b>9,46</b>	<b>8,67</b>	<b>7,76</b>	<b>6,89</b>	<b>6,06</b>	<b>5,43</b>	<b>4,93</b>	<b>4,06</b>	<b>3,49</b>
multiple span	I, II, III	<b>11,90</b>	<b>10,00</b>	<b>8,67</b>	<b>7,76</b>	<b>7,09</b>	<b>6,57</b>	<b>6,15</b>	<b>5,80</b>	<b>4,90</b>	<b>4,16</b>

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	4,00	5,00
single span	I, II, III	<b>4,30</b>	<b>4,02</b>	<b>3,78</b>	<b>3,59</b>	<b>3,42</b>	<b>3,27</b>	<b>3,14</b>	<b>3,03</b>	<b>2,83</b>	<b>2,54</b>
dual span	I, II, III	<b>3,09</b>	<b>2,78</b>	<b>2,55</b>	<b>2,36</b>	<b>2,20</b>	<b>2,07</b>	<b>1,96</b>	<b>1,86</b>	<b>1,70</b>	<b>1,46</b>
multiple span	I, II, III	<b>3,63</b>	<b>3,24</b>	<b>2,93</b>	<b>2,69</b>	<b>2,49</b>	<b>2,32</b>	<b>2,18</b>	<b>2,06</b>	<b>1,87</b>	<b>1,59</b>

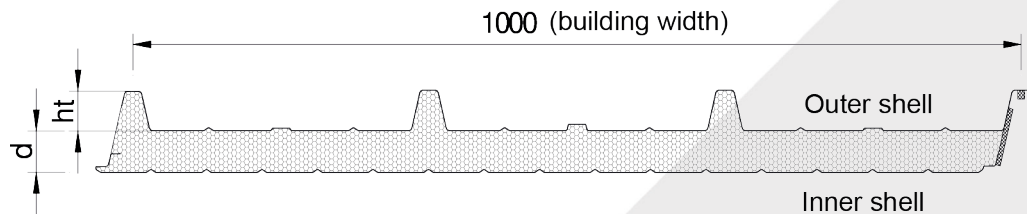
## Span table 11-15

As of 10 / 2018

**G4 (T/S), d = 150 mm**

**$t_N = 0,60 / 0,45$  mm, S320GD**

Max. valid supporting widths stated in the following are attested according to approval Z-10.49-516 of 23rd of June 2011 in accordance with EN 14509. Instructions for the application of the table can be gathered from the front page.



### Valid supporting widths [m] for snow loads

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		0,00	0,60	0,70	0,80	0,90	1,00	1,25	1,50	1,75	2,00
single span	I, II, III	40	48	52	56	60	63	69	74	79	82
		<b>9,02</b>	<b>7,36</b>	<b>7,06</b>	<b>6,79</b>	<b>6,56</b>	<b>6,30</b>	<b>5,69</b>	<b>5,19</b>	<b>4,77</b>	<b>4,42</b>
dual span	I, II, III	40	40	40	40	40	40	40	40	40	40
		<b>10,07</b>	<b>4,53</b>	<b>4,14</b>	<b>3,82</b>	<b>3,56</b>	<b>3,34</b>	<b>2,90</b>	<b>2,58</b>	<b>2,34</b>	<b>2,15</b>
multiple span	I, II, III	40	40	40	40	40	40	40	41	42	44
		<b>13,13</b>	<b>5,08</b>	<b>4,63</b>	<b>4,26</b>	<b>3,96</b>	<b>3,70</b>	<b>3,20</b>	<b>2,85</b>	<b>2,57</b>	<b>2,36</b>
		60	60	61	63	65	66	70	74	77	80
		60	66	68	70	72	74	78	82	85	88

stat. system	colour group	characteristic snow load in kN / m <sup>2</sup>									
		2,25	2,50	2,75	3,00	3,25	3,50	4,00	4,25	4,50	5,00
single span	I, II, III	86	89	92	94	97	95	90	88	85	81
		<b>4,12</b>	<b>3,86</b>	<b>3,64</b>	<b>3,44</b>	<b>3,27</b>	<b>2,99</b>	<b>2,50</b>	<b>2,29</b>	<b>2,10</b>	<b>1,80</b>
dual span	I, II, III	42	43	44	45	47	48	50	52	53	55
		<b>2,00</b>	<b>1,87</b>	<b>1,76</b>	<b>1,66</b>	<b>1,58</b>	<b>1,52</b>	<b>1,40</b>	<b>1,35</b>	<b>1,30</b>	<b>1,22</b>
multiple span	I, II, III	46	47	48	50	51	53	55	57	58	60
		<b>2,19</b>	<b>2,04</b>	<b>1,92</b>	<b>1,82</b>	<b>1,74</b>	<b>1,66</b>	<b>1,53</b>	<b>1,48</b>	<b>1,43</b>	<b>1,34</b>
		83	86	89	91	93	96	101	103	105	109
		91	94	97	100	103	105	110	113	116	120

### Valid supporting widths [m] for wind suction

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		0,00	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,25	1,50
single span	I, II, III	<b>9,02</b>	<b>9,02</b>	<b>8,51</b>	<b>8,03</b>	<b>7,64</b>	<b>7,33</b>	<b>6,87</b>	<b>6,47</b>	<b>5,73</b>	<b>5,19</b>
dual span	I, II, III	<b>10,07</b>	<b>10,07</b>	<b>9,74</b>	<b>8,70</b>	<b>7,84</b>	<b>6,85</b>	<b>6,11</b>	<b>5,53</b>	<b>4,51</b>	<b>3,86</b>
multiple span	I, II, III	<b>13,13</b>	<b>11,27</b>	<b>9,74</b>	<b>8,70</b>	<b>7,93</b>	<b>7,34</b>	<b>6,87</b>	<b>6,47</b>	<b>5,45</b>	<b>4,60</b>

stat. system	colour group	characteristic wind suction in kN / m <sup>2</sup>									
		1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	4,00	5,00
single span	I, II, III	<b>4,78</b>	<b>4,46</b>	<b>4,20</b>	<b>3,98</b>	<b>3,79</b>	<b>3,62</b>	<b>3,48</b>	<b>3,35</b>	<b>3,13</b>	<b>2,80</b>
dual span	I, II, III	<b>3,40</b>	<b>3,06</b>	<b>2,79</b>	<b>2,58</b>	<b>2,40</b>	<b>2,26</b>	<b>2,13</b>	<b>2,02</b>	<b>1,83</b>	<b>1,57</b>
multiple span	I, II, III	<b>4,00</b>	<b>3,55</b>	<b>3,21</b>	<b>2,93</b>	<b>2,71</b>	<b>2,52</b>	<b>2,36</b>	<b>2,23</b>	<b>2,01</b>	<b>1,70</b>