

Maksymalne dopuszczalne obciążenie płyty dla danej długości przęsła – płyta **Gorlicka U 1000 gr. 120 mm**

| | | | |
|---|-------------------------------|---|--------|
| Grubość okładziny zewnętrznej : | 0,5 mm | Minimalna ilość wkrętów na podporze skrajnej: | PM1 +2 |
| Grubość okładziny wewnętrznej : | 0,5 mm | Minimalna ilość wkrętów na podporze pośredniej: | PM1 +2 |
| Temperatura zewnętrzna : lato/zima | 55 st., 65 st., 80st./-20 st. | Materiał rdzenia | PIR |
| Temperatura wewnętrzna : lato/zima | 20 st. / 20 st. | Stal okładzin | S250GD |
| Minimalna szerokość podpory skrajnej: | 40 mm | Stan gr. nośności (porównywać obc. obliczeniowe) | SGN |
| Minimalna szerokość podpory pośredniej: | 60 mm | Stan gr. użytkowania (porównywać obc. charakterystyczne) | SGU |

| Schemat statyczny | Grupa kolorów | Kryterium | Maksymalne obciążenie równomiernie rozłożone [kN/m2] | | | | | | | | | | |
|-------------------|---------------|-----------|--|---|-----|---|-----|---|-----|---|-----|---|-----|
| | | | Rozpiętość osiowa podpór | | | | | | | | | | |
| | | | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6 | 6,5 |

| | | | | | | | | | | | | | | |
|-----------------------------|------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Układ jednoprzęsłowy | I | SGN | parcie | 7,631 | 5,684 | 4,528 | 3,763 | 3,219 | 2,812 | 2,497 | 2,245 | 1,869 | 1,567 | 1,334 |
| | | | ssanie | -2,573 | -1,917 | -1,527 | -1,269 | -1,085 | -0,948 | -0,841 | -0,756 | -0,687 | -0,629 | -0,580 |
| | | SGU L/100 | parcie | 9,713 | 7,235 | 5,764 | 4,790 | 4,098 | 3,580 | 3,132 | 2,513 | 2,039 | 1,672 | 1,385 |
| | | | ssanie | -3,424 | -2,550 | -2,032 | -1,688 | -1,444 | -1,262 | -1,120 | -1,007 | -0,915 | -0,838 | -0,773 |
| | | SGU L/150 | parcie | 9,713 | 7,235 | 5,764 | 4,406 | 3,379 | 2,637 | 2,088 | 1,675 | 1,359 | 1,086 | 0,872 |
| | | | ssanie | -3,424 | -2,550 | -2,032 | -1,688 | -1,444 | -1,262 | -1,120 | -1,007 | -0,915 | -0,838 | -0,773 |
| | SGU L/200 | parcie | 8,796 | 6,063 | 4,405 | 3,304 | 2,534 | 1,977 | 1,527 | 1,174 | 0,912 | 0,714 | 0,540 | |
| | | ssanie | -3,424 | -2,550 | -2,032 | -1,688 | -1,444 | -1,262 | -1,120 | -1,007 | -0,896 | -0,764 | -0,608 | |
| | II | SGN | parcie | 7,631 | 5,684 | 4,528 | 3,763 | 3,219 | 2,812 | 2,497 | 2,245 | 1,869 | 1,567 | 1,334 |
| | | | ssanie | -2,573 | -1,917 | -1,527 | -1,269 | -1,085 | -0,948 | -0,841 | -0,756 | -0,687 | -0,629 | -0,580 |
| | | SGU L/100 | parcie | 9,713 | 7,235 | 5,764 | 4,790 | 4,098 | 3,580 | 3,132 | 2,513 | 2,039 | 1,672 | 1,385 |
| | | | ssanie | -3,424 | -2,550 | -2,032 | -1,688 | -1,444 | -1,262 | -1,120 | -1,007 | -0,915 | -0,838 | -0,773 |
| | | SGU L/150 | parcie | 9,713 | 7,235 | 5,764 | 4,406 | 3,379 | 2,637 | 2,088 | 1,675 | 1,359 | 1,086 | 0,872 |
| | | | ssanie | -3,424 | -2,550 | -2,032 | -1,688 | -1,444 | -1,262 | -1,120 | -1,007 | -0,915 | -0,838 | -0,773 |
| | SGU L/200 | parcie | 8,796 | 6,063 | 4,405 | 3,304 | 2,534 | 1,977 | 1,527 | 1,174 | 0,912 | 0,714 | 0,540 | |
| | | ssanie | -3,424 | -2,550 | -2,032 | -1,688 | -1,444 | -1,262 | -1,120 | -1,007 | -0,856 | -0,607 | -0,415 | |
| | III | SGN | parcie | 7,631 | 5,684 | 4,528 | 3,763 | 3,219 | 2,812 | 2,497 | 2,245 | 1,869 | 1,567 | 1,334 |
| | | | ssanie | -2,573 | -1,917 | -1,527 | -1,269 | -1,085 | -0,948 | -0,841 | -0,756 | -0,687 | -0,629 | -0,580 |
| SGU L/100 | | parcie | 9,713 | 7,235 | 5,764 | 4,790 | 4,098 | 3,580 | 3,132 | 2,513 | 2,039 | 1,672 | 1,385 | |
| | | ssanie | -3,424 | -2,550 | -2,032 | -1,688 | -1,444 | -1,262 | -1,120 | -1,007 | -0,915 | -0,838 | -0,773 | |
| SGU L/150 | | parcie | 9,713 | 7,235 | 5,764 | 4,406 | 3,379 | 2,637 | 2,088 | 1,675 | 1,359 | 1,086 | 0,872 | |
| | | ssanie | -3,424 | -2,550 | -2,032 | -1,688 | -1,444 | -1,262 | -1,120 | -1,007 | -0,915 | -0,809 | -0,554 | |
| SGU L/200 | parcie | 8,796 | 6,063 | 4,405 | 3,304 | 2,534 | 1,977 | 1,527 | 1,174 | 0,912 | 0,714 | 0,540 | | |
| | ssanie | -3,424 | -2,550 | -2,032 | -1,688 | -1,444 | -1,262 | -1,120 | -0,706 | -0,402 | -0,190 | -0,041 | | |

| | | | | | | | | | | | | | | |
|-----------------------------|------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Układ wieloprzęsłowy | I | SGN | parcie | 5,883 | 4,320 | 3,419 | 2,834 | 2,422 | 2,117 | 1,641 | 1,286 | 1,036 | 0,853 | 0,716 |
| | | | ssanie | -2,189 | -1,610 | -1,281 | -1,068 | -0,918 | -0,806 | -0,719 | -0,649 | -0,592 | -0,544 | -0,503 |
| | | SGU L/100 | parcie | 7,686 | 5,640 | 4,456 | 3,685 | 3,144 | 2,742 | 2,228 | 1,755 | 1,420 | 1,173 | 0,987 |
| | | | ssanie | -1,785 | -1,312 | -1,042 | -0,867 | -0,744 | -0,652 | -0,581 | -0,524 | -0,477 | -0,438 | -0,405 |
| | | SGU L/150 | parcie | 7,686 | 5,640 | 4,456 | 3,685 | 3,144 | 2,742 | 2,228 | 1,755 | 1,420 | 1,173 | 0,987 |
| | | | ssanie | -1,785 | -1,312 | -1,042 | -0,867 | -0,744 | -0,652 | -0,581 | -0,524 | -0,477 | -0,438 | -0,405 |
| | SGU L/200 | parcie | 7,686 | 5,640 | 4,456 | 3,685 | 3,007 | 2,439 | 2,004 | 1,663 | 1,393 | 1,173 | 0,987 | |
| | | ssanie | -1,785 | -1,312 | -1,042 | -0,867 | -0,744 | -0,652 | -0,581 | -0,524 | -0,477 | -0,438 | -0,405 | |
| | II | SGN | parcie | 5,883 | 4,320 | 3,419 | 2,834 | 2,422 | 2,117 | 1,641 | 1,286 | 1,036 | 0,853 | 0,716 |
| | | | ssanie | -2,107 | -1,552 | -1,239 | -1,036 | -0,893 | -0,786 | -0,703 | -0,636 | -0,581 | -0,535 | -0,495 |
| | | SGU L/100 | parcie | 7,686 | 5,640 | 4,456 | 3,685 | 3,144 | 2,742 | 2,228 | 1,755 | 1,420 | 1,173 | 0,987 |
| | | | ssanie | -1,730 | -1,273 | -1,014 | -0,846 | -0,728 | -0,639 | -0,570 | -0,515 | -0,470 | -0,432 | -0,400 |
| | | SGU L/150 | parcie | 7,686 | 5,640 | 4,456 | 3,685 | 3,144 | 2,742 | 2,228 | 1,755 | 1,420 | 1,173 | 0,987 |
| | | | ssanie | -1,730 | -1,273 | -1,014 | -0,846 | -0,728 | -0,639 | -0,570 | -0,515 | -0,470 | -0,432 | -0,400 |
| | SGU L/200 | parcie | 7,686 | 5,640 | 4,456 | 3,685 | 3,007 | 2,439 | 2,004 | 1,663 | 1,393 | 1,173 | 0,987 | |
| | | ssanie | -1,730 | -1,273 | -1,014 | -0,846 | -0,728 | -0,639 | -0,570 | -0,515 | -0,470 | -0,432 | -0,400 | |
| | III | SGN | parcie | 5,883 | 4,320 | 3,419 | 2,834 | 2,422 | 2,117 | 1,641 | 1,286 | 1,036 | 0,853 | 0,716 |
| | | | ssanie | -1,985 | -1,465 | -1,175 | -0,988 | -0,856 | -0,757 | -0,679 | -0,616 | -0,564 | -0,521 | -0,465 |
| SGU L/100 | | parcie | 7,686 | 5,640 | 4,456 | 3,685 | 3,144 | 2,742 | 2,228 | 1,755 | 1,420 | 1,173 | 0,987 | |
| | | ssanie | -1,648 | -1,215 | -0,971 | -0,814 | -0,703 | -0,620 | -0,555 | -0,502 | -0,459 | -0,423 | -0,392 | |
| SGU L/150 | | parcie | 7,686 | 5,640 | 4,456 | 3,685 | 3,144 | 2,742 | 2,228 | 1,755 | 1,420 | 1,173 | 0,987 | |
| | | ssanie | -1,648 | -1,215 | -0,971 | -0,814 | -0,703 | -0,620 | -0,555 | -0,502 | -0,459 | -0,423 | -0,392 | |
| SGU L/200 | parcie | 7,686 | 5,640 | 4,456 | 3,685 | 3,007 | 2,439 | 2,004 | 1,663 | 1,393 | 1,173 | 0,987 | | |
| | ssanie | -1,648 | -1,215 | -0,971 | -0,814 | -0,703 | -0,620 | -0,555 | -0,502 | -0,459 | -0,423 | -0,392 | | |

| | | |
|---------------------------|--------------|------------------------------------|
| I grupa kolorów: | bardzo jasne | RAL: 1015,7035, 9002, 9010, 9016 |
| II grupa kolorów: | jasne | RAL: 5012, 9006, 9007 |
| III grupa kolorów: | ciemne | RAL: 3000, 5010, 6029, 7016, 7024, |

W przypadku innych wartości temperatury wewnętrznej, grubości i materiału okładzin, itp., należy się zwrócić do dostawcy w celu przeprowadzenia odrębnych obliczeń.