

Allplan Add-On Profilbauteile

Projekt: CDS - Add-On Profilbauteile
 Ersteller: mett
 Datum / Zeit: 02.08.2020 / 20:01
 Hinweis:
 Gewicht: Das Gewicht wird mit der Rohdichte von Stahl - 7,85 to/m³ - berechnet.

| Übersicht | | Anzahl | Gesamtlänge | Gesamtfläche | Gesamtgewicht (l*q) | Gesamtgewicht [modelliertes Vol.] |
|--------------------|---------------|--------|-------------|-----------------------|---------------------|-----------------------------------|
| Profilblech | 100/275x1.0 | 1,0 | | 176,27 m ² | | |
| | 20/115x0.5 | 2,0 | | 385,23 m ² | | |
| | Gesamt | 3,0 | | 561,50 m ² | | |
| Träger und Stützen | FLA 100/10 | 19,0 | 4,18 m | | 32,81 kg | 47,73 kg |
| | FLA 60/50 | 42,0 | 5,21 m | | 122,65 kg | 122,95 kg |
| | FLB 450/20 | 4,0 | 2,24 m | | 158,26 kg | 158,26 kg |
| | FLB 450/50 | 8,0 | 91,60 m | | 16.178,85 kg | 16.178,85 kg |
| | HEB 120 | 26,0 | 232,57 m | | 6.209,12 kg | 6.034,47 kg |
| | HEB 160 | 121,0 | 332,20 m | | 14.147,11 kg | 12.516,67 kg |
| | HEB 240 | 53,0 | 415,76 m | | 34.594,97 kg | 34.614,55 kg |
| | HEB 260 | 6,0 | 23,78 m | | 2.210,30 kg | 2.337,75 kg |
| | HEB 450 | 4,0 | 45,80 m | | 7.837,75 kg | 7.883,27 kg |
| | IPE 100 | 315,0 | 428,61 m | | 3.465,53 kg | 3.331,82 kg |
| | IPE 360 | 27,0 | 119,91 m | | 6.843,20 kg | 7.866,38 kg |
| | IPE 400 | 36,0 | 76,86 m | | 5.098,32 kg | 5.723,71 kg |
| | IPE 500 | 6,0 | 66,03 m | | 6.012,69 kg | 6.983,53 kg |
| | Gesamt | 667,0 | 1.844,74 m | | 102.911,56 kg | 103.799,92 kg |
| Verbindung | M20 | 1124,0 | | | | 1.943,23 kg |
| | Gesamt | 1124,0 | | | | 1.943,23 kg |

EG

Verbindung

| Pos | Profilname | Material | Anzahl | Gewicht [kg] (modelliertes Vol.) |
|-------------------|------------|----------|--------|----------------------------------|
| 1 | M20 | Stahl | 12 St | 4,884 |
| 1 | M20 | Stahl | 4 St | 1,628 |
| Summe: Verbindung | | | 16 St | 6,512 |

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm ²] | Länge [m] | Anzahl | Gewicht [kg] (l*q) | Oberfläche [m ²] | Volumen [m ³] | Gewicht [kg] (modelliertes Vol.) |
|---------------------------|------------|----------|--------------------------------|-----------|--------|--------------------|------------------------------|---------------------------|----------------------------------|
| 1 | FLB 450/50 | Stahl | 225,00 | 11,450 | 8 St | 16178,850 | 91,960 | 2,0610 | 16.178,849 |
| 1 | HEB 450 | Stahl | 218,00 | 11,450 | 4 St | 7837,754 | 98,482 | 1,0042 | 7.883,265 |
| Summe: Träger und Stützen | | | | 137,400 | 12 St | 24.016,604 | 190,442 | | 24.062,114 |

| | | | | | | | | | |
|------------------|---------------------------|--|----------------|--|--------------|--------------------|--------------------------|--|--------------------|
| Summe EG: | | | | | | 24.016,604 | | | 24.068,626 |
| | Träger und Stützen | | 137,4 m | | 12 St | 24.016,6 kg | | | 24.062,1 kg |
| | Verbindungsmittel | | | | 16 St | | | | 6,5 kg |
| | Profilbleche | | | | 0 St | | 0,0 m² | | |

1. OG

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm ²] | Länge [m] | Anzahl | Gewicht [kg] (l*q) | Oberfläche [m ²] | Volumen [m ³] | Gewicht [kg] (modelliertes Vol.) |
|-----|------------|----------|--------------------------------|-----------|--------|--------------------|------------------------------|---------------------------|----------------------------------|
| 1 | FLB 450/20 | Stahl | 90,00 | 0,560 | 4 St | 158,256 | 2,178 | 0,0202 | 158,256 |
| 1 | HEB 120 | Stahl | 34,01 | 8,945 | 26 St | 6209,119 | 165,033 | 0,7687 | 6.034,473 |
| 1 | FLA 100/10 | Stahl | 10,00 | 0,206 | 5 St | 8,086 | 0,356 | 0,0015 | 12,011 |
| 1 | FLA 100/10 | Stahl | 10,00 | 0,225 | 14 St | 24,728 | 1,054 | 0,0046 | 35,718 |

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| | | | | | | | | | |
|---------------------------|---------|-------|---------|--------|-------|------------|---------|--------|------------|
| 1 | HEB 240 | Stahl | 106,00 | 0,483 | 1 St | 40,190 | 1,009 | 0,0073 | 57,574 |
| 1 | HEB 240 | Stahl | 106,00 | 0,498 | 1 St | 41,439 | 0,842 | 0,0062 | 48,996 |
| 1 | HEB 240 | Stahl | 106,00 | 0,926 | 1 St | 77,052 | 1,739 | 0,0129 | 101,044 |
| 1 | HEB 240 | Stahl | 106,00 | 1,010 | 1 St | 84,042 | 1,749 | 0,0129 | 101,001 |
| 1 | HEB 240 | Stahl | 106,00 | 1,486 | 1 St | 123,650 | 2,545 | 0,0188 | 147,844 |
| 1 | HEB 240 | Stahl | 106,00 | 7,800 | 1 St | 649,038 | 11,862 | 0,0859 | 674,425 |
| 1 | HEB 240 | Stahl | 106,00 | 6,770 | 1 St | 563,332 | 10,494 | 0,0761 | 597,041 |
| 1 | HEB 240 | Stahl | 106,00 | 9,290 | 1 St | 773,021 | 14,502 | 0,1049 | 823,704 |
| 1 | HEB 240 | Stahl | 106,00 | 12,535 | 1 St | 1043,037 | 19,652 | 0,1423 | 1.116,884 |
| 1 | HEB 260 | Stahl | 118,40 | 0,597 | 1 St | 55,488 | 0,953 | 0,0071 | 55,757 |
| 1 | HEB 260 | Stahl | 118,40 | 0,597 | 1 St | 55,488 | 0,953 | 0,0071 | 55,753 |
| 1 | HEB 260 | Stahl | 118,40 | 0,607 | 1 St | 56,417 | 0,968 | 0,0072 | 56,648 |
| 1 | HEB 260 | Stahl | 118,40 | 2,985 | 1 St | 277,438 | 5,311 | 0,0396 | 310,480 |
| 1 | HEB 260 | Stahl | 118,40 | 8,345 | 1 St | 775,618 | 14,186 | 0,1047 | 821,734 |
| 1 | HEB 260 | Stahl | 118,40 | 10,650 | 1 St | 989,854 | 17,849 | 0,1321 | 1.037,376 |
| 1 | HEB 240 | Stahl | 106,00 | 1,130 | 1 St | 94,027 | 1,843 | 0,0133 | 104,221 |
| 1 | HEB 240 | Stahl | 106,00 | 2,295 | 1 St | 190,967 | 2,484 | 0,0184 | 144,342 |
| Summe: Träger und Stützen | | | 306,994 | | 66 St | 12.290,285 | 277,561 | | 12.495,281 |

Verbindung

| Pos | Profilname | Material | Anzahl | | Gewicht [kg] (modelliertes Vol.) | |
|---------------------|------------|----------|----------------|---------------|-------------------------------------|--------------------|
| 1 | M20 | Stahl | 58 St | | 23,606 | |
| 1 | M20 | Stahl | 120 St | | 48,839 | |
| 1 | M20 | Stahl | 60 St | | 24,420 | |
| 1 | M20 | Stahl | 12 St | | 4,884 | |
| 1 | M20 | Stahl | 4 St | | 4,672 | |
| Summe: Verbindung | | | 254 St | | 106,421 | |
| Summe 1. OG: | | | | | 12.290,285 | 12.601,702 |
| Träger und Stützen | | | 307,0 m | 66 St | 12.290,3 kg | 12.495,3 kg |
| Verbindungsmittel | | | | 254 St | | 106,4 kg |
| Profilbleche | | | | 0 St | 0,0 m² | |

2.OG

Profilblech

| Pos | Profilname | Material | Anzahl | Fläche [m ²] | Gewicht [kg] (modelliertes Vol.) |
|--------------------|------------|----------|--------|--------------------------|-------------------------------------|
| 1 | 20/115x0.5 | Blech | 1 St | 192,613 | 0,000 |
| Summe: Profilblech | | | 1 St | 192,613 | 0,000 |

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm ²] | Länge [m] | Anzahl | Gewicht [kg] (I*q) | Oberfläche [m ²] | Volumen [m ³] | Gewicht [kg] (modelliertes Vol.) |
|-----|------------|----------|--------------------------------|-----------|--------|-----------------------|------------------------------|---------------------------|-------------------------------------|
| 1 | IPE 100 | Stahl | 10,30 | 1,040 | 7 St | 58,862 | 3,012 | 0,0072 | 56,591 |
| 1 | IPE 100 | Stahl | 10,30 | 1,040 | 7 St | 58,862 | 3,012 | 0,0072 | 56,591 |
| 1 | IPE 100 | Stahl | 10,30 | 1,410 | 84 St | 957,647 | 48,940 | 0,1173 | 920,699 |
| 1 | IPE 100 | Stahl | 10,30 | 1,410 | 7 St | 79,804 | 4,078 | 0,0098 | 76,725 |

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| | | | | | | | | | |
|---------------------------|-----------|-------|----------------|---------|---------------|-------------------|-----------------|--------|-------------------|
| 1 | FLA 60/50 | Stahl | 30,00 | 0,124 | 14 St | 40,883 | 0,467 | 0,0052 | 40,982 |
| Summe: Träger und Stützen | | | | 144,606 | 119 St | 1.196,058 | 59,509 | | 1.151,588 |
| Summe 2.OG: | | | | | | 1.196,058 | | | 1.151,588 |
| Träger und Stützen | | | 144,6 m | | 119 St | 1.196,1 kg | | | 1.151,6 kg |
| Verbindungsmittel | | | | | 0 St | | | | 0,0 kg |
| Profilbleche | | | | | 1 St | | 192,6 m² | | |

2.OG

Verbindung

| Pos | Profilname | Material | Anzahl | Gewicht [kg] (modelliertes Vol.) |
|-------------------|------------|----------|--------|-------------------------------------|
| 1 | M20 | Stahl | 2 St | 0,770 |
| 1 | M20 | Stahl | 4 St | 1,628 |
| 1 | M20 | Stahl | 4 St | 7,981 |
| Summe: Verbindung | | | 10 St | 10,378 |

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm²] | Länge [m] | Anzahl | Gewicht [kg] (l*q) | Oberfläche [m²] | Volumen [m³] | Gewicht [kg] (modelliertes Vol.) |
|-----|------------|----------|----------------------|-----------|--------|-----------------------|--------------------|-----------------|-------------------------------------|
| 1 | HEB 160 | Stahl | 54,25 | 1,080 | 1 St | 45,993 | 1,030 | 0,0057 | 44,357 |
| 1 | HEB 160 | Stahl | 54,25 | 1,080 | 3 St | 137,979 | 3,090 | 0,0170 | 133,071 |
| 1 | HEB 160 | Stahl | 54,25 | 1,180 | 2 St | 100,504 | 2,810 | 0,0171 | 134,043 |
| 1 | HEB 160 | Stahl | 54,25 | 1,180 | 1 St | 50,252 | 1,530 | 0,0097 | 76,065 |
| 1 | HEB 160 | Stahl | 54,25 | 1,180 | 1 St | 50,252 | 1,577 | 0,0101 | 79,456 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,499 | 0,0198 | 155,624 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,516 | 0,0200 | 156,849 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 6 St | 849,719 | 21,195 | 0,1208 | 948,441 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,572 | 0,0205 | 160,931 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 2 St | 283,240 | 7,166 | 0,0412 | 323,495 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,594 | 0,0207 | 162,564 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 8 St | 775,070 | 18,589 | 0,1075 | 843,956 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 2 St | 193,767 | 4,990 | 0,0300 | 235,858 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 1 St | 96,884 | 2,334 | 0,0135 | 106,248 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 2 St | 193,767 | 4,793 | 0,0282 | 221,540 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 3 St | 290,651 | 7,345 | 0,0438 | 343,613 |
| 1 | HEB 160 | Stahl | 54,25 | 3,130 | 1 St | 133,295 | 1,636 | 0,0089 | 70,010 |
| 1 | HEB 160 | Stahl | 54,25 | 3,160 | 1 St | 134,573 | 1,870 | 0,0102 | 80,439 |
| 1 | HEB 160 | Stahl | 54,25 | 3,170 | 1 St | 134,998 | 1,908 | 0,0105 | 82,080 |
| 1 | HEB 160 | Stahl | 54,25 | 3,170 | 1 St | 134,998 | 1,908 | 0,0105 | 82,080 |
| 1 | HEB 160 | Stahl | 54,25 | 3,229 | 1 St | 137,511 | 2,065 | 0,0113 | 88,947 |
| 1 | HEB 160 | Stahl | 54,25 | 3,242 | 1 St | 138,065 | 1,943 | 0,0106 | 83,064 |
| 1 | HEB 160 | Stahl | 54,25 | 3,243 | 1 St | 138,107 | 2,323 | 0,0127 | 100,030 |

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| | | | | | | | | | |
|---------------------------|---------|-------|---------|-------|-----------|---------|-------|--------|-----------|
| 1 | HEB 160 | Stahl | 54,25 | 3,425 | 1 St | 145,858 | 2,597 | 0,0143 | 112,120 |
| 1 | HEB 160 | Stahl | 54,25 | 3,474 | 1 St | 147,945 | 2,655 | 0,0146 | 114,652 |
| 1 | HEB 160 | Stahl | 54,25 | 3,636 | 1 St | 154,844 | 2,833 | 0,0156 | 122,455 |
| 1 | HEB 160 | Stahl | 54,25 | 2,165 | 1 St | 92,199 | 1,808 | 0,0102 | 79,868 |
| 1 | HEB 160 | Stahl | 54,25 | 3,812 | 1 St | 162,339 | 1,549 | 0,0085 | 66,710 |
| 1 | HEB 160 | Stahl | 54,25 | 3,812 | 1 St | 162,339 | 3,230 | 0,0178 | 139,781 |
| 1 | HEB 160 | Stahl | 54,25 | 3,195 | 1 St | 136,063 | 1,028 | 0,0056 | 43,860 |
| 1 | HEB 160 | Stahl | 54,25 | 3,425 | 1 St | 145,858 | 1,248 | 0,0068 | 53,606 |
| 1 | HEB 160 | Stahl | 54,25 | 3,847 | 1 St | 163,829 | 3,040 | 0,0168 | 131,591 |
| 1 | HEB 160 | Stahl | 54,25 | 3,257 | 1 St | 138,703 | 2,762 | 0,0176 | 137,821 |
| 1 | HEB 160 | Stahl | 54,25 | 3,490 | 1 St | 148,626 | 3,150 | 0,0201 | 157,810 |
| 1 | HEB 160 | Stahl | 54,25 | 3,822 | 1 St | 162,765 | 3,422 | 0,0212 | 166,799 |
| 1 | HEB 160 | Stahl | 54,25 | 3,410 | 1 St | 145,219 | 1,493 | 0,0084 | 66,284 |
| 1 | HEB 160 | Stahl | 54,25 | 3,155 | 1 St | 134,360 | 1,675 | 0,0122 | 95,918 |
| Summe: Träger und Stützen | | | 141,329 | 57 St | 6.627,051 | 136,770 | | | 6.202,033 |

| | | | | | | | | |
|--------------------|---------------------------|----------------|--------------|-------------------|------------------|--------------------------|--|-------------------|
| Summe 2.OG: | | | | | 6.627,051 | | | 6.212,412 |
| | Träger und Stützen | 141,3 m | 57 St | 6.627,1 kg | | | | 6.202,0 kg |
| | Verbindungsmitel | | 10 St | | | | | 10,4 kg |
| | Profilbleche | | 0 St | | | 0,0 m² | | |

2.OG

Verbindung

| Pos | Profilname | Material | Anzahl | Gewicht [kg] (modelliertes Vol.) |
|-------------------|------------|----------|--------|-------------------------------------|
| 1 | M20 | Stahl | 20 St | 7,918 |
| 1 | M20 | Stahl | 28 St | 11,085 |
| 1 | M20 | Stahl | 30 St | 11,877 |
| 1 | M20 | Stahl | 40 St | 16,280 |
| 1 | M20 | Stahl | 92 St | 37,444 |
| 1 | M20 | Stahl | 30 St | 12,210 |
| 1 | M20 | Stahl | 56 St | 229,146 |
| 1 | M20 | Stahl | 56 St | 309,153 |
| Summe: Verbindung | | | 352 St | 635,113 |

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm ²] | Länge [m] | Anzahl | Gewicht [kg] (I*Q) | Oberfläche [m ²] | Volumen [m ³] | Gewicht [kg] (modelliertes Vol.) |
|-----|------------|----------|--------------------------------|-----------|--------|--------------------|------------------------------|---------------------------|----------------------------------|
| 1 | HEB 240 | Stahl | 106,00 | 8,846 | 14 St | 10305,059 | 179,935 | 1,3035 | 10.232,491 |
| 1 | IPE 360 | Stahl | 72,70 | 0,518 | 1 St | 29,562 | 1,034 | 0,0060 | 47,095 |
| 1 | IPE 360 | Stahl | 72,70 | 0,597 | 1 St | 34,070 | 0,886 | 0,0049 | 38,439 |
| 1 | IPE 360 | Stahl | 72,70 | 0,598 | 1 St | 34,128 | 0,918 | 0,0051 | 39,926 |
| 1 | IPE 360 | Stahl | 72,70 | 6,805 | 1 St | 388,358 | 10,322 | 0,0546 | 428,310 |
| 1 | IPE 360 | Stahl | 72,70 | 0,632 | 1 St | 36,068 | 0,934 | 0,0051 | 40,358 |
| 1 | IPE 360 | Stahl | 72,70 | 1,010 | 1 St | 57,640 | 1,753 | 0,0099 | 77,664 |
| 1 | IPE 360 | Stahl | 72,70 | 7,800 | 1 St | 445,142 | 11,698 | 0,0615 | 482,929 |
| 1 | IPE 360 | Stahl | 72,70 | 12,535 | 1 St | 715,366 | 20,144 | 0,1066 | 836,630 |
| 1 | IPE 360 | Stahl | 72,70 | 9,475 | 1 St | 540,734 | 15,166 | 0,0804 | 630,775 |
| 1 | IPE 500 | Stahl | 116,00 | 10,650 | 1 St | 969,789 | 22,500 | 0,1430 | 1.122,452 |

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| | | | | | | | | |
|---------------------------|-------|--------|----------------|---------------|--------------------|--------------------------|--------|--------------------|
| 1 IPE 500 | Stahl | 116,00 | 11,360 | 1 St | 1034,442 | 24,199 | 0,1536 | 1.205,390 |
| Summe: Träger und Stützen | | | 185,824 | 25 St | 14.590,358 | 289,488 | | 15.182,459 |
| Summe 2.OG: | | | | | 14.590,358 | | | 15.817,571 |
| Träger und Stützen | | | 185,8 m | 25 St | 14.590,4 kg | | | 15.182,5 kg |
| Verbindungsmittel | | | | 352 St | | | | 635,1 kg |
| Profilbleche | | | | 0 St | | 0,0 m² | | |

3. OG

Profilblech

| Pos | Profilname | Material | Anzahl | Fläche [m ²] | Gewicht [kg] (modelliertes Vol.) |
|--------------------|------------|----------|--------|--------------------------|-------------------------------------|
| 1 | 20/115x0.5 | Blech | 1 St | 192,613 | 0,000 |
| Summe: Profilblech | | | 1 St | 192,613 | 0,000 |

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm ²] | Länge [m] | Anzahl | Gewicht [kg] (l*q) | Oberfläche [m ²] | Volumen [m ³] | Gewicht [kg] (modelliertes Vol.) |
|---------------------------|------------|----------|--------------------------------|---------------|-------------------|----------------------------|------------------------------|---------------------------|-------------------------------------|
| 1 | IPE 100 | Stahl | 10,30 | 1,040 | 7 St | 58,862 | 3,012 | 0,0072 | 56,591 |
| 1 | IPE 100 | Stahl | 10,30 | 1,040 | 7 St | 58,862 | 3,012 | 0,0072 | 56,591 |
| 1 | IPE 100 | Stahl | 10,30 | 1,410 | 84 St | 957,647 | 48,940 | 0,1173 | 920,699 |
| 1 | IPE 100 | Stahl | 10,30 | 1,410 | 7 St | 79,804 | 4,078 | 0,0098 | 76,725 |
| 1 | FLA 60/50 | Stahl | 30,00 | 0,124 | 14 St | 40,883 | 0,467 | 0,0052 | 40,982 |
| Summe: Träger und Stützen | | | | 144,606 | 119 St | 1.196,058 | 59,509 | | 1.151,588 |
| Summe 3. OG: | | | | | | 1.196,058 | | | 1.151,588 |
| Träger und Stützen | | | 144,6 m | 119 St | 1.196,1 kg | | | | 1.151,6 kg |
| Verbindungsmittel | | | | 0 St | | | | | 0,0 kg |
| Profilbleche | | | | 1 St | | 192,6 m² | | | |

3. OG

Verbindung

| Pos | Profilname | Material | Anzahl | Gewicht [kg] (modelliertes Vol.) |
|-------------------|------------|----------|--------|-------------------------------------|
| 1 | M20 | Stahl | 2 St | 0,814 |
| Summe: Verbindung | | | 2 St | 0,814 |

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm ²] | Länge [m] | Anzahl | Gewicht [kg] (l*q) | Oberfläche [m ²] | Volumen [m ³] | Gewicht [kg] (modelliertes Vol.) |
|-----|------------|----------|--------------------------------|-----------|--------|-----------------------|------------------------------|---------------------------|-------------------------------------|
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,499 | 0,0198 | 155,624 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,516 | 0,0200 | 156,849 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 6 St | 849,719 | 21,195 | 0,1208 | 948,441 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,572 | 0,0205 | 160,931 |

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| | | | | | | | | |
|---------------------------|-------|-------|---------|-------|-----------|---------|--------|-----------|
| 1 IPE 400 | Stahl | 84,50 | 2,135 | 2 St | 283,240 | 7,166 | 0,0412 | 323,495 |
| 1 IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,594 | 0,0207 | 162,564 |
| 1 HEB 160 | Stahl | 54,25 | 2,275 | 5 St | 484,419 | 11,380 | 0,0650 | 509,889 |
| 1 HEB 160 | Stahl | 54,25 | 2,275 | 1 St | 96,884 | 2,401 | 0,0141 | 110,785 |
| 1 HEB 160 | Stahl | 54,25 | 2,275 | 4 St | 387,535 | 9,469 | 0,0552 | 433,533 |
| 1 HEB 160 | Stahl | 54,25 | 2,275 | 5 St | 484,419 | 11,380 | 0,0650 | 509,889 |
| 1 HEB 160 | Stahl | 54,25 | 2,275 | 1 St | 96,884 | 2,284 | 0,0131 | 102,512 |
| 1 HEB 160 | Stahl | 54,25 | 2,275 | 2 St | 193,767 | 4,658 | 0,0269 | 211,429 |
| 1 HEB 160 | Stahl | 54,25 | 2,275 | 1 St | 96,884 | 2,401 | 0,0141 | 110,785 |
| 1 HEB 160 | Stahl | 54,25 | 2,275 | 1 St | 96,884 | 2,479 | 0,0148 | 116,257 |
| 1 HEB 160 | Stahl | 54,25 | 3,242 | 1 St | 138,065 | 1,943 | 0,0106 | 83,064 |
| 1 HEB 160 | Stahl | 54,25 | 3,479 | 1 St | 148,158 | 2,603 | 0,0143 | 112,411 |
| 1 HEB 160 | Stahl | 54,25 | 3,240 | 1 St | 137,979 | 2,372 | 0,0139 | 109,343 |
| 1 HEB 160 | Stahl | 54,25 | 3,315 | 1 St | 141,173 | 2,684 | 0,0165 | 129,470 |
| 1 HEB 160 | Stahl | 54,25 | 3,547 | 1 St | 151,053 | 3,029 | 0,0179 | 140,569 |
| 1 HEB 160 | Stahl | 54,25 | 3,866 | 1 St | 164,638 | 3,306 | 0,0199 | 156,048 |
| 1 HEB 160 | Stahl | 54,25 | 3,260 | 1 St | 138,831 | 1,703 | 0,0093 | 72,845 |
| 1 HEB 160 | Stahl | 54,25 | 3,282 | 1 St | 139,768 | 1,932 | 0,0106 | 83,195 |
| 1 HEB 160 | Stahl | 54,25 | 3,291 | 1 St | 140,151 | 1,967 | 0,0108 | 84,699 |
| 1 HEB 160 | Stahl | 54,25 | 3,291 | 1 St | 140,151 | 1,967 | 0,0108 | 84,699 |
| 1 HEB 160 | Stahl | 54,25 | 3,302 | 1 St | 140,620 | 2,336 | 0,0128 | 100,614 |
| 1 HEB 160 | Stahl | 54,25 | 3,345 | 1 St | 142,451 | 2,111 | 0,0116 | 90,904 |
| 1 HEB 160 | Stahl | 54,25 | 3,479 | 1 St | 148,158 | 2,603 | 0,0143 | 112,411 |
| 1 HEB 160 | Stahl | 54,25 | 3,527 | 1 St | 150,202 | 2,658 | 0,0146 | 114,876 |
| 1 HEB 160 | Stahl | 54,25 | 3,686 | 1 St | 156,973 | 2,830 | 0,0156 | 122,459 |
| 1 HEB 160 | Stahl | 54,25 | 3,851 | 1 St | 164,000 | 3,205 | 0,0177 | 138,761 |
| 1 HEB 160 | Stahl | 54,25 | 3,851 | 1 St | 164,000 | 3,205 | 0,0177 | 138,761 |
| 1 HEB 160 | Stahl | 54,25 | 3,891 | 1 St | 165,703 | 3,027 | 0,0167 | 131,065 |
| Summe: Träger und Stützen | | | 133,865 | 50 St | 6.309,187 | 134,473 | | 6.019,174 |

| | | | | | | | | |
|---------------------|---------------------------|----------------|--------------|-------------------|--------------------------|--|--|-------------------|
| Summe 3. OG: | | | | | 6.309,187 | | | 6.019,988 |
| | Träger und Stützen | 133,9 m | 50 St | 6.309,2 kg | | | | 6.019,2 kg |
| | Verbindungsmittel | | 2 St | | | | | 0,8 kg |
| | Profilbleche | | 0 St | | 0,0 m² | | | |

3. OG

Verbindung

| Pos | Profilname | Material | Anzahl | Gewicht [kg] (modelliertes Vol.) |
|-----|------------|----------|--------|-------------------------------------|
| 1 | M20 | Stahl | 20 St | 7,918 |
| 1 | M20 | Stahl | 28 St | 11,085 |
| 1 | M20 | Stahl | 30 St | 11,877 |
| 1 | M20 | Stahl | 40 St | 16,280 |
| 1 | M20 | Stahl | 92 St | 37,444 |
| 1 | M20 | Stahl | 30 St | 12,210 |
| 1 | M20 | Stahl | 56 St | 229,146 |

Allplan Add-On Profilbauteile

Projekt: CDS - Add-On Profilbauteile

Ersteller: mett

Datum / Zeit: 02.08.2020 / 20:01

Hinweis:

Gewicht: Das Gewicht wird mit der Rohdichte von Stahl - 7,85 to/m³ - berechnet.

| | | | |
|-------------------|-------|--------|---------|
| 1 M20 | Stahl | 56 St | 309,153 |
| Summe: Verbindung | | 352 St | 635,113 |

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm ²] | Länge [m] | Anzahl | Gewicht [kg] (I ^{*q}) | Oberfläche [m ²] | Volumen [m ³] | Gewicht [kg] (modelliertes Vol.) |
|---------------------------|------------|----------|--------------------------------|-----------|--------|---------------------------------|------------------------------|---------------------------|----------------------------------|
| 1 | HEB 240 | Stahl | 106,00 | 8,846 | 14 St | 10305,059 | 179,935 | 1,3035 | 10.232,491 |
| 1 | IPE 360 | Stahl | 72,70 | 0,518 | 1 St | 29,562 | 1,034 | 0,0060 | 47,095 |
| 1 | IPE 360 | Stahl | 72,70 | 0,597 | 1 St | 34,070 | 0,886 | 0,0049 | 38,439 |
| 1 | IPE 360 | Stahl | 72,70 | 0,598 | 1 St | 34,128 | 0,918 | 0,0051 | 39,926 |
| 1 | IPE 360 | Stahl | 72,70 | 6,805 | 1 St | 388,358 | 10,322 | 0,0546 | 428,310 |
| 1 | IPE 360 | Stahl | 72,70 | 0,632 | 1 St | 36,068 | 0,934 | 0,0051 | 40,358 |
| 1 | IPE 360 | Stahl | 72,70 | 1,010 | 1 St | 57,640 | 1,753 | 0,0099 | 77,664 |
| 1 | IPE 360 | Stahl | 72,70 | 7,800 | 1 St | 445,142 | 11,698 | 0,0615 | 482,929 |
| 1 | IPE 360 | Stahl | 72,70 | 12,535 | 1 St | 715,366 | 20,144 | 0,1066 | 836,630 |
| 1 | IPE 360 | Stahl | 72,70 | 9,475 | 1 St | 540,734 | 15,166 | 0,0804 | 630,775 |
| 1 | IPE 500 | Stahl | 116,00 | 10,650 | 1 St | 969,789 | 22,500 | 0,1430 | 1.122,452 |
| 1 | IPE 500 | Stahl | 116,00 | 11,360 | 1 St | 1034,442 | 24,199 | 0,1536 | 1.205,390 |
| Summe: Träger und Stützen | | | | 185,824 | 25 St | 14.590,358 | 289,488 | | 15.182,459 |

| | | | | | | |
|---------------------------|--|----------------|---------------|--------------------------|--------------------|-------------------|
| Summe 3. OG: | | | | | 14.590,358 | 15.817,571 |
| Träger und Stützen | | 185,8 m | 25 St | 14.590,4 kg | 15.182,5 kg | |
| Verbindungsmittel | | | 352 St | | 635,1 kg | |
| Profilbleche | | | 0 St | 0,0 m² | | |

4. OG

Verbindung

| Pos | Profilname | Material | Anzahl | Gewicht [kg] (modelliertes Vol.) |
|-------------------|------------|----------|--------|----------------------------------|
| 1 | M20 | Stahl | 2 St | 0,814 |
| Summe: Verbindung | | | 2 St | 0,814 |

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm ²] | Länge [m] | Anzahl | Gewicht [kg] (I ^{*q}) | Oberfläche [m ²] | Volumen [m ³] | Gewicht [kg] (modelliertes Vol.) |
|-----|------------|----------|--------------------------------|-----------|--------|---------------------------------|------------------------------|---------------------------|----------------------------------|
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,499 | 0,0198 | 155,624 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,516 | 0,0200 | 156,849 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 6 St | 849,719 | 21,195 | 0,1208 | 948,441 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,572 | 0,0205 | 160,931 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 2 St | 283,240 | 7,166 | 0,0412 | 323,495 |
| 1 | IPE 400 | Stahl | 84,50 | 2,135 | 1 St | 141,620 | 3,594 | 0,0207 | 162,564 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 5 St | 484,419 | 11,380 | 0,0650 | 509,889 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 1 St | 96,884 | 2,401 | 0,0141 | 110,785 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 4 St | 387,535 | 9,469 | 0,0552 | 433,533 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 5 St | 484,419 | 11,380 | 0,0650 | 509,889 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 1 St | 96,884 | 2,284 | 0,0131 | 102,512 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 2 St | 193,767 | 4,658 | 0,0269 | 211,429 |
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 1 St | 96,884 | 2,401 | 0,0141 | 110,785 |

Allplan Add-On Profilbauteile

Projekt: CDS - Add-On Profilbauteile
 Ersteller: mett
 Datum / Zeit: 02.08.2020 / 20:01
 Hinweis:

Gewicht: Das Gewicht wird mit der Rohdichte von Stahl - 7,85 to/m³ - berechnet.

| | | | | | | | | | |
|---------------------------|---------|-------|-------|---------|-------|-----------|---------|--------|-----------|
| 1 | HEB 160 | Stahl | 54,25 | 2,275 | 1 St | 96,884 | 2,479 | 0,0148 | 116,257 |
| 1 | HEB 160 | Stahl | 54,25 | 3,242 | 1 St | 138,065 | 1,943 | 0,0106 | 83,064 |
| 1 | HEB 160 | Stahl | 54,25 | 3,479 | 1 St | 148,158 | 2,603 | 0,0143 | 112,411 |
| 1 | HEB 160 | Stahl | 54,25 | 3,240 | 1 St | 137,979 | 2,372 | 0,0139 | 109,343 |
| 1 | HEB 160 | Stahl | 54,25 | 3,315 | 1 St | 141,173 | 2,684 | 0,0165 | 129,470 |
| 1 | HEB 160 | Stahl | 54,25 | 3,547 | 1 St | 151,053 | 3,029 | 0,0179 | 140,569 |
| 1 | HEB 160 | Stahl | 54,25 | 3,866 | 1 St | 164,638 | 3,306 | 0,0199 | 156,048 |
| 1 | HEB 160 | Stahl | 54,25 | 3,260 | 1 St | 138,831 | 1,703 | 0,0093 | 72,845 |
| 1 | HEB 160 | Stahl | 54,25 | 3,282 | 1 St | 139,768 | 1,932 | 0,0106 | 83,195 |
| 1 | HEB 160 | Stahl | 54,25 | 3,291 | 1 St | 140,151 | 1,967 | 0,0108 | 84,699 |
| 1 | HEB 160 | Stahl | 54,25 | 3,291 | 1 St | 140,151 | 1,967 | 0,0108 | 84,699 |
| 1 | HEB 160 | Stahl | 54,25 | 3,302 | 1 St | 140,620 | 2,336 | 0,0128 | 100,614 |
| 1 | HEB 160 | Stahl | 54,25 | 3,345 | 1 St | 142,451 | 2,111 | 0,0116 | 90,904 |
| 1 | HEB 160 | Stahl | 54,25 | 3,479 | 1 St | 148,158 | 2,603 | 0,0143 | 112,411 |
| 1 | HEB 160 | Stahl | 54,25 | 3,527 | 1 St | 150,202 | 2,658 | 0,0146 | 114,876 |
| 1 | HEB 160 | Stahl | 54,25 | 3,686 | 1 St | 156,973 | 2,830 | 0,0156 | 122,459 |
| 1 | HEB 160 | Stahl | 54,25 | 3,851 | 1 St | 164,000 | 3,205 | 0,0177 | 138,761 |
| 1 | HEB 160 | Stahl | 54,25 | 3,851 | 1 St | 164,000 | 3,205 | 0,0177 | 138,761 |
| 1 | HEB 160 | Stahl | 54,25 | 3,891 | 1 St | 165,703 | 3,027 | 0,0167 | 131,065 |
| Summe: Träger und Stützen | | | | 133,865 | 50 St | 6.309,187 | 134,473 | | 6.019,174 |

| | | | | | | | | | |
|---------------------|---------------------------|--|----------------|--------------|--|-------------------|--------------------------|--|-------------------|
| Summe 4. OG: | | | | | | 6.309,187 | | | 6.019,988 |
| | Träger und Stützen | | 133,9 m | 50 St | | 6.309,2 kg | | | 6.019,2 kg |
| | Verbindungsmitel | | | 2 St | | | | | 0,8 kg |
| | Profilbleche | | | 0 St | | | 0,0 m² | | |

4. OG

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm ²] | Länge [m] | Anzahl | Gewicht [kg] (I ^{*q}) | Oberfläche [m ²] | Volumen [m ³] | Gewicht [kg] (modelliertes Vol.) |
|---------------------------|------------|----------|--------------------------------|-----------|--------|---------------------------------|------------------------------|---------------------------|----------------------------------|
| 1 | IPE 100 | Stahl | 10,30 | 1,040 | 7 St | 58,862 | 3,012 | 0,0072 | 56,591 |
| 1 | IPE 100 | Stahl | 10,30 | 1,040 | 7 St | 58,862 | 3,012 | 0,0072 | 56,591 |
| 1 | IPE 100 | Stahl | 10,30 | 1,410 | 84 St | 957,647 | 48,940 | 0,1173 | 920,699 |
| 1 | IPE 100 | Stahl | 10,30 | 1,410 | 7 St | 79,804 | 4,078 | 0,0098 | 76,725 |
| 1 | FLA 60/50 | Stahl | 30,00 | 0,124 | 14 St | 40,883 | 0,467 | 0,0052 | 40,982 |
| Summe: Träger und Stützen | | | | 144,606 | 119 St | 1.196,058 | 59,509 | | 1.151,588 |

Profilblech

| Pos | Profilname | Material | Anzahl | Fläche [m ²] | Gewicht [kg] (modelliertes Vol.) |
|--------------------|-------------|----------|--------|--------------------------|----------------------------------|
| 1 | 100/275x1.0 | Blech | 1 St | 176,275 | 0,000 |
| Summe: Profilblech | | | 1 St | 176,275 | 0,000 |

| | | | | | | | | | |
|---------------------|---------------------------|--|----------------|---------------|--|-------------------|----------------------------|--|-------------------|
| Summe 4. OG: | | | | | | 1.196,058 | | | 1.151,588 |
| | Träger und Stützen | | 144,6 m | 119 St | | 1.196,1 kg | | | 1.151,6 kg |
| | Verbindungsmitel | | | 0 St | | | | | 0,0 kg |
| | Profilbleche | | | 1 St | | | 176,3 m² | | |

Allplan Add-On Profilbauteile

Projekt: CDS - Add-On Profilbauteile
 Ersteller: mett
 Datum / Zeit: 02.08.2020 / 20:01
 Hinweis:
 Gewicht: Das Gewicht wird mit der Rohdichte von Stahl - 7,85 to/m³ - berechnet.

4. OG

Verbindung

| Pos | Profilname | Material | Anzahl | Gewicht [kg] (modelliertes Vol.) |
|-------------------|------------|----------|--------|-------------------------------------|
| 1 | M20 | Stahl | 24 St | 9,768 |
| 1 | M20 | Stahl | 56 St | 229,146 |
| 1 | M20 | Stahl | 56 St | 309,153 |
| Summe: Verbindung | | | 136 St | 548,068 |

Träger und Stützen

| Pos | Profilname | Material | Querschnitt [cm ²] | Länge [m] | Anzahl | Gewicht [kg] (l*q) | Oberfläche [m ²] | Volumen [m ³] | Gewicht [kg] (modelliertes Vol.) |
|---------------------------|------------|----------|--------------------------------|-----------|--------|-----------------------|------------------------------|---------------------------|-------------------------------------|
| 1 | HEB 240 | Stahl | 106,00 | 8,846 | 14 St | 10305,059 | 179,935 | 1,3035 | 10.232,491 |
| 1 | IPE 360 | Stahl | 72,70 | 0,518 | 1 St | 29,562 | 1,034 | 0,0060 | 47,095 |
| 1 | IPE 360 | Stahl | 72,70 | 0,597 | 1 St | 34,070 | 0,886 | 0,0049 | 38,439 |
| 1 | IPE 360 | Stahl | 72,70 | 0,598 | 1 St | 34,128 | 0,918 | 0,0051 | 39,926 |
| 1 | IPE 360 | Stahl | 72,70 | 6,805 | 1 St | 388,358 | 10,322 | 0,0546 | 428,310 |
| 1 | IPE 360 | Stahl | 72,70 | 0,632 | 1 St | 36,068 | 0,934 | 0,0051 | 40,358 |
| 1 | IPE 360 | Stahl | 72,70 | 1,010 | 1 St | 57,640 | 1,753 | 0,0099 | 77,664 |
| 1 | IPE 360 | Stahl | 72,70 | 7,800 | 1 St | 445,142 | 11,698 | 0,0615 | 482,929 |
| 1 | IPE 360 | Stahl | 72,70 | 12,535 | 1 St | 715,366 | 20,144 | 0,1066 | 836,630 |
| 1 | IPE 360 | Stahl | 72,70 | 9,475 | 1 St | 540,734 | 15,166 | 0,0804 | 630,775 |
| 1 | IPE 500 | Stahl | 116,00 | 10,650 | 1 St | 969,789 | 22,500 | 0,1430 | 1.122,452 |
| 1 | IPE 500 | Stahl | 116,00 | 11,360 | 1 St | 1034,442 | 24,199 | 0,1536 | 1.205,390 |
| Summe: Träger und Stützen | | | | 185,824 | 25 St | 14.590,358 | 289,488 | | 15.182,459 |

| | | | | | | | |
|---------------------------|--|--|--|----------------|---------------|--------------------------|--------------------|
| Summe 4. OG: | | | | | | 14.590,358 | 15.730,526 |
| Träger und Stützen | | | | 185,8 m | 25 St | 14.590,4 kg | 15.182,5 kg |
| Verbindungsmittel | | | | | 136 St | | 548,1 kg |
| Profilbleche | | | | | 0 St | 0,0 m² | |

| | | | | | | | |
|--------------------|--|--|--|--|--|--------------------|--------------------|
| Gesamtsumme | | | | | | 102.911,563 | 105.743,149 |
|--------------------|--|--|--|--|--|--------------------|--------------------|

| | | | | | | | |
|---------------------------|--|--|--|------------------|-----------------|----------------------------|---------------------|
| Träger und Stützen | | | | 1.844,7 m | 667 St | 102.911,6 kg | 103.799,9 kg |
| Verbindungsmittel | | | | | 1.124 St | | 1.943,2 kg |
| Profilbleche | | | | | 3 St | 561,5 m² | |