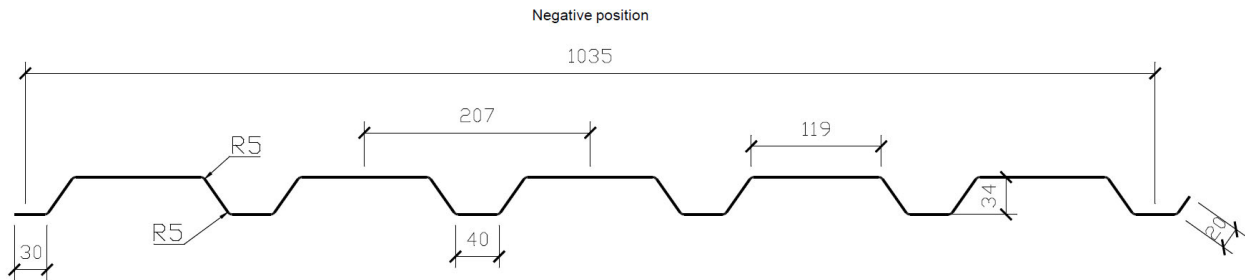


**TECHNICAL DATA SHEET  
OF PROFILE  
Trapeza<sup>®</sup> 35/207 T**

## Trapeza® 35/207 T



### Technical parameters:

Coil width:	1250 mm
Profile width:	1035 mm
Yield strength:	S320GD, S350GD according to EN 10346
Thickness:	0,40; 0,50; 0,55; 0,60; 0,63; 0,70; 0,75; 0,80; 0,88, 1,00 acc. to EN 10143
Durability/Coating quality:	ZM 60, ZM80, ZM100, ZM120, ZM175, ZM275 and Z100, 140, 200, 225, 275, 350 acc. to EN 10346
Organic coating:	Interieur (DU912, DU901), Hairplus, Hairultra, Hairflon, Keyron, Hairexcel, Sinea, (or acc. to Material guide), acc. to EN 10169
Max. length:	14 m
Min. length:	2 m

### Tables of resistance of profiled sheeting ArcelorMittal

For all profiles, steel S320 is used. Material characteristics are as follows:

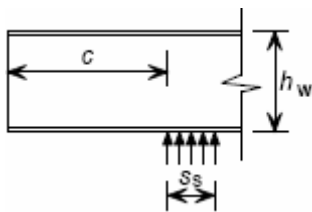
- yield strength  $f_y = 320$  MPa
- proof strength  $f_u = 390$  MPa
- modulus of elasticity  $E = 210\,000$  MPa
- density  $7850$  kg/m<sup>3</sup>

The design thickness of the sheet given in the tables is the core thickness only. No coatings or paintings are included neither in the thickness nor in the calculated weight of the profiled sheeting. Minus tolerance in the sheet thickness is lower than 5 %.

The design resistances are calculated for uniformly loaded simply supported or continuous beams (where the spans are also uniform).

#### Ultimate limit state (ULS)

The design resistance according to the ultimate limit state is given by " $q_{Ed}$ " which is calculated with respect to the bending resistance, shear resistance, local transverse forces and their interactions as defined in CSN EN 1993-1-3 and other referenced codes. The width of the end support  $s_s$  is 40 mm and 120 mm for the internal support respectively. In the tables, two different resistances are given according to the distance " $c$ " (see figure below the paragraph) from the end support to the free end. One resistance " $q_{Ed} (c < 1,5h)$ " is for profiles which meets the minimal distance of the overhang " $c$ " at least 40 mm. For the second resistance " $q_{Ed} (c \geq 1,5h)$ ", the distance at least  $1.5 \times h_w$  (web height) clear from a free end is considered.



The real design load must be always smaller or at least equal to the resistance given in the tables. The maximal design resistances (load values) in the tables are related to a one-meter width of the profiled sheeting. Units used in the tables are kN/m<sup>2</sup>. The self-weight of the sheeting must be included in the load.

#### Serviceability limit state (SLS)

The characteristic load " $q_{Ek}$ " that meets the serviceability limit for deflection of  $L/200$  (where  $L$  means the span) is given in the table. In view of the fact that the behavior in the SLS is elastic, characteristic load for different limits may be extrapolated from the table. To fulfil the condition of the limit, the real characteristic load must be lower or at least equal to the value given by the tables.



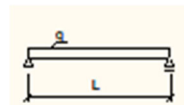
Used design codes:

ČSN EN 1993-1-1: Navrhování ocelových konstrukcí, Část 1-1: Obecná pravidla a pravidla pro pozemní stavby, ČNI, 2006. (Design of steel structures, Part 1-1: General rules and rules for buildings)

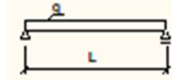
ČSN EN 1993-1-3: Navrhování ocelových konstrukcí, Část 1-3: Obecná pravidla – Doplnující pravidla pro tenkostěnné za studena tvarované prvky a plošné profily, ČNI, 2008. (Design of steel structures, Part 1-3: General rules - Supplementary rules for cold-formed members and sheeting)

ČSN EN 1993-1-5: Navrhování ocelových konstrukcí, Část 1-5: Boulení stěn, ČNI, 2008. (Design of steel structures, Part 1-5: Plated structural elements)

Single span – positive position

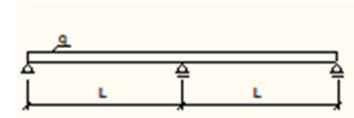


Trapeza® 35/207 T		Span [m]																	
t [mm]	S320	0,75	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,4	q <sub>Re</sub> (<1.5h)	4,443	3,333	2,205	1,531	1,125	0,861	0,680	0,551	0,456	0,383	0,326	0,281	0,245	0,215	0,191	0,170	0,153	0,138
	q <sub>Re</sub> (≥1.5h)	6,124	3,445	2,205	1,531	1,125	0,861	0,680	0,551	0,456	0,383	0,326	0,281	0,245	0,215	0,191	0,170	0,153	0,138
	q <sub>Re</sub> (L/200)	4,602	1,941	0,994	0,575	0,362	0,243	0,170	0,124	0,093	0,072	0,057	0,045	0,037	0,030	0,025	0,021	0,018	0,016
0,5	q <sub>Re</sub> (<1.5h)	7,217	5,413	3,811	2,646	1,944	1,489	1,176	0,953	0,787	0,662	0,564	0,486	0,423	0,372	0,330	0,294	0,264	0,238
	q <sub>Re</sub> (≥1.5h)	10,585	5,954	3,811	2,646	1,944	1,489	1,176	0,953	0,787	0,662	0,564	0,486	0,423	0,372	0,330	0,294	0,264	0,238
	q <sub>Re</sub> (L/200)	7,870	3,320	1,700	0,984	0,619	0,415	0,291	0,212	0,160	0,123	0,097	0,077	0,063	0,052	0,043	0,036	0,031	0,027
0,55	q <sub>Re</sub> (<1.5h)	8,830	6,623	4,609	3,201	2,351	1,800	1,422	1,152	0,952	0,800	0,682	0,588	0,512	0,450	0,399	0,356	0,319	0,288
	q <sub>Re</sub> (≥1.5h)	12,802	7,201	4,609	3,201	2,351	1,800	1,422	1,152	0,952	0,800	0,682	0,588	0,512	0,450	0,399	0,356	0,319	0,288
	q <sub>Re</sub> (L/200)	9,488	4,003	2,049	1,186	0,747	0,500	0,351	0,256	0,192	0,148	0,117	0,093	0,076	0,063	0,052	0,044	0,037	0,032
0,6	q <sub>Re</sub> (<1.5h)	10,592	7,944	5,370	3,729	2,740	2,098	1,657	1,343	1,110	0,932	0,794	0,685	0,597	0,524	0,465	0,414	0,372	0,336
	q <sub>Re</sub> (≥1.5h)	14,917	8,391	5,370	3,729	2,740	2,098	1,657	1,343	1,110	0,932	0,794	0,685	0,597	0,524	0,465	0,414	0,372	0,336
	q <sub>Re</sub> (L/200)	11,060	4,666	2,389	1,383	0,871	0,583	0,410	0,299	0,224	0,173	0,136	0,109	0,088	0,073	0,061	0,051	0,044	0,037
0,63	q <sub>Re</sub> (<1.5h)	11,720	8,790	5,846	4,060	2,982	2,283	1,804	1,461	1,208	1,015	0,865	0,746	0,650	0,571	0,506	0,451	0,405	0,365
	q <sub>Re</sub> (≥1.5h)	16,238	9,134	5,846	4,060	2,982	2,283	1,804	1,461	1,208	1,015	0,865	0,746	0,650	0,571	0,506	0,451	0,405	0,365
	q <sub>Re</sub> (L/200)	12,024	5,073	2,597	1,503	0,947	0,634	0,445	0,325	0,244	0,188	0,148	0,118	0,096	0,079	0,066	0,056	0,047	0,041
0,7	q <sub>Re</sub> (<1.5h)	14,555	10,916	7,009	4,868	3,576	2,738	2,163	1,752	1,448	1,217	1,037	0,894	0,779	0,684	0,606	0,541	0,485	0,438
	q <sub>Re</sub> (≥1.5h)	19,470	10,952	7,009	4,868	3,576	2,738	2,163	1,752	1,448	1,217	1,037	0,894	0,779	0,684	0,606	0,541	0,485	0,438
	q <sub>Re</sub> (L/200)	14,334	6,047	3,096	1,792	1,128	0,756	0,531	0,387	0,291	0,224	0,176	0,141	0,115	0,094	0,079	0,066	0,056	0,048
0,75	q <sub>Re</sub> (<1.5h)	16,752	12,322	7,886	5,476	4,023	3,080	2,434	1,971	1,629	1,369	1,167	1,006	0,876	0,770	0,682	0,608	0,546	0,493
	q <sub>Re</sub> (≥1.5h)	21,906	12,322	7,886	5,476	4,023	3,080	2,434	1,971	1,629	1,369	1,167	1,006	0,876	0,770	0,682	0,608	0,546	0,493
	q <sub>Re</sub> (L/200)	16,033	6,764	3,463	2,004	1,262	0,845	0,594	0,433	0,325	0,251	0,197	0,158	0,128	0,106	0,088	0,074	0,063	0,054
0,8	q <sub>Re</sub> (<1.5h)	19,092	13,750	8,800	6,111	4,490	3,438	2,716	2,200	1,818	1,528	1,302	1,122	0,978	0,859	0,761	0,679	0,609	0,550
	q <sub>Re</sub> (≥1.5h)	24,445	13,750	8,800	6,111	4,490	3,438	2,716	2,200	1,818	1,528	1,302	1,122	0,978	0,859	0,761	0,679	0,609	0,550
	q <sub>Re</sub> (L/200)	17,771	7,497	3,839	2,221	1,399	0,937	0,658	0,480	0,360	0,278	0,218	0,175	0,142	0,117	0,098	0,082	0,070	0,060
0,88	q <sub>Re</sub> (<1.5h)	23,129	16,154	10,338	7,179	5,275	4,038	3,191	2,585	2,136	1,795	1,529	1,319	1,149	1,010	0,894	0,798	0,716	0,646
	q <sub>Re</sub> (≥1.5h)	28,718	16,154	10,338	7,179	5,275	4,038	3,191	2,585	2,136	1,795	1,529	1,319	1,149	1,010	0,894	0,798	0,716	0,646
	q <sub>Re</sub> (L/200)	20,630	8,703	4,456	2,579	1,624	1,088	0,764	0,557	0,418	0,322	0,254	0,203	0,165	0,136	0,113	0,096	0,081	0,070
1	q <sub>Re</sub> (<1.5h)	29,856	19,688	12,600	8,750	6,429	4,922	3,889	3,150	2,603	2,188	1,864	1,607	1,400	1,231	1,090	0,972	0,873	0,788
	q <sub>Re</sub> (≥1.5h)	35,001	19,688	12,600	8,750	6,429	4,922	3,889	3,150	2,603	2,188	1,864	1,607	1,400	1,231	1,090	0,972	0,873	0,788
	q <sub>Re</sub> (L/200)	26,189	11,049	5,657	3,274	2,062	1,381	0,970	0,707	0,531	0,409	0,322	0,258	0,210	0,173	0,144	0,121	0,103	0,088
1,25	q <sub>Re</sub> (<1.5h)	45,263	25,461	16,295	11,316	8,314	6,365	5,029	4,074	3,367	2,829	2,410	2,078	1,811	1,591	1,410	1,257	1,128	1,018
	q <sub>Re</sub> (≥1.5h)	45,263	25,461	16,295	11,316	8,314	6,365	5,029	4,074	3,367	2,829	2,410	2,078	1,811	1,591	1,410	1,257	1,128	1,018
	q <sub>Re</sub> (L/200)	35,880	15,137	7,750	4,485	2,824	1,892	1,329	0,969	0,728	0,561	0,441	0,353	0,287	0,237	0,197	0,166	0,141	0,121



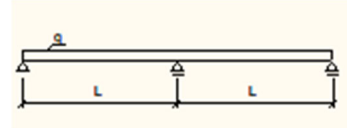
Single span – negative position

Trapeza® 35/207 T		Span [m]																	
t [mm]	S320	0,75	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,4	q <sub>Re</sub> (<1.5h)	4,443	3,333	2,206	1,532	1,125	0,862	0,681	0,551	0,456	0,383	0,326	0,281	0,245	0,215	0,191	0,170	0,153	0,138
	q <sub>Re</sub> (≥1.5h)	6,127	3,446	2,206	1,532	1,125	0,862	0,681	0,551	0,456	0,383	0,326	0,281	0,245	0,215	0,191	0,170	0,153	0,138
	q <sub>Rk</sub> (L/200)	5,916	2,496	1,278	0,739	0,466	0,312	0,219	0,160	0,120	0,092	0,073	0,058	0,047	0,039	0,033	0,027	0,023	0,020
0,5	q <sub>Re</sub> (<1.5h)	7,217	5,413	3,786	2,629	1,931	1,479	1,168	0,946	0,782	0,657	0,560	0,483	0,421	0,370	0,327	0,292	0,262	0,237
	q <sub>Re</sub> (≥1.5h)	10,516	5,915	3,786	2,629	1,931	1,479	1,168	0,946	0,782	0,657	0,560	0,483	0,421	0,370	0,327	0,292	0,262	0,237
	q <sub>Rk</sub> (L/200)	12,846	5,420	2,775	1,606	1,011	0,677	0,476	0,347	0,261	0,201	0,158	0,126	0,103	0,085	0,071	0,059	0,051	0,043
0,55	q <sub>Re</sub> (<1.5h)	8,830	6,623	4,702	3,266	2,399	1,837	1,451	1,176	0,972	0,816	0,696	0,600	0,522	0,459	0,407	0,363	0,326	0,294
	q <sub>Re</sub> (≥1.5h)	13,062	7,348	4,702	3,266	2,399	1,837	1,451	1,176	0,972	0,816	0,696	0,600	0,522	0,459	0,407	0,363	0,326	0,294
	q <sub>Rk</sub> (L/200)	12,846	5,420	2,775	1,606	1,011	0,677	0,476	0,347	0,261	0,201	0,158	0,126	0,103	0,085	0,071	0,059	0,051	0,043
0,6	q <sub>Re</sub> (<1.5h)	10,592	7,944	5,703	3,961	2,910	2,228	1,760	1,426	1,178	0,990	0,844	0,727	0,634	0,557	0,493	0,440	0,395	0,356
	q <sub>Re</sub> (≥1.5h)	15,843	8,912	5,703	3,961	2,910	2,228	1,760	1,426	1,178	0,990	0,844	0,727	0,634	0,557	0,493	0,440	0,395	0,356
	q <sub>Rk</sub> (L/200)	15,473	6,528	3,342	1,934	1,218	0,816	0,573	0,418	0,314	0,242	0,190	0,152	0,124	0,102	0,085	0,072	0,061	0,052
0,63	q <sub>Re</sub> (<1.5h)	11,720	8,790	6,345	4,406	3,237	2,479	1,958	1,586	1,311	1,102	0,939	0,809	0,705	0,620	0,549	0,490	0,439	0,397
	q <sub>Re</sub> (≥1.5h)	17,625	9,914	6,345	4,406	3,237	2,479	1,958	1,586	1,311	1,102	0,939	0,809	0,705	0,620	0,549	0,490	0,439	0,397
	q <sub>Rk</sub> (L/200)	17,119	7,222	3,698	2,140	1,348	0,903	0,634	0,462	0,347	0,267	0,210	0,168	0,137	0,113	0,094	0,079	0,067	0,058
0,7	q <sub>Re</sub> (<1.5h)	14,555	10,916	7,608	5,283	3,881	2,972	2,348	1,902	1,572	1,321	1,125	0,970	0,845	0,743	0,658	0,587	0,527	0,475
	q <sub>Re</sub> (≥1.5h)	21,132	11,887	7,608	5,283	3,881	2,972	2,348	1,902	1,572	1,321	1,125	0,970	0,845	0,743	0,658	0,587	0,527	0,475
	q <sub>Rk</sub> (L/200)	20,515	8,655	4,431	2,564	1,615	1,082	0,760	0,554	0,416	0,321	0,252	0,202	0,164	0,135	0,113	0,095	0,081	0,069
0,75	q <sub>Re</sub> (<1.5h)	16,752	12,564	8,477	5,887	4,325	3,311	2,616	2,119	1,751	1,472	1,254	1,081	0,942	0,828	0,733	0,654	0,587	0,530
	q <sub>Re</sub> (≥1.5h)	23,547	13,245	8,477	5,887	4,325	3,311	2,616	2,119	1,751	1,472	1,254	1,081	0,942	0,828	0,733	0,654	0,587	0,530
	q <sub>Rk</sub> (L/200)	22,878	9,652	4,942	2,860	1,801	1,206	0,847	0,618	0,464	0,357	0,281	0,225	0,183	0,151	0,126	0,106	0,090	0,077
0,8	q <sub>Re</sub> (<1.5h)	19,092	14,319	9,367	6,505	4,779	3,659	2,891	2,342	1,935	1,626	1,386	1,195	1,041	0,915	0,810	0,723	0,649	0,585
	q <sub>Re</sub> (≥1.5h)	26,019	14,636	9,367	6,505	4,779	3,659	2,891	2,342	1,935	1,626	1,386	1,195	1,041	0,915	0,810	0,723	0,649	0,585
	q <sub>Rk</sub> (L/200)	25,279	10,664	5,460	3,160	1,990	1,333	0,936	0,683	0,513	0,395	0,311	0,249	0,202	0,167	0,139	0,117	0,100	0,085
0,88	q <sub>Re</sub> (<1.5h)	23,129	16,921	10,829	7,520	5,525	4,230	3,342	2,707	2,237	1,880	1,602	1,381	1,203	1,058	0,937	0,836	0,750	0,677
	q <sub>Re</sub> (≥1.5h)	30,081	16,921	10,829	7,520	5,525	4,230	3,342	2,707	2,237	1,880	1,602	1,381	1,203	1,058	0,937	0,836	0,750	0,677
	q <sub>Rk</sub> (L/200)	29,187	12,313	6,304	3,648	2,298	1,539	1,081	0,788	0,592	0,456	0,359	0,287	0,233	0,192	0,160	0,135	0,115	0,099
1	q <sub>Re</sub> (<1.5h)	29,856	20,903	13,378	9,290	6,825	5,226	4,129	3,344	2,764	2,323	1,979	1,706	1,486	1,306	1,157	1,032	0,926	0,836
	q <sub>Re</sub> (≥1.5h)	37,161	20,903	13,378	9,290	6,825	5,226	4,129	3,344	2,764	2,323	1,979	1,706	1,486	1,306	1,157	1,032	0,926	0,836
	q <sub>Rk</sub> (L/200)	36,722	15,492	7,932	4,590	2,891	1,937	1,360	0,991	0,745	0,574	0,451	0,361	0,294	0,242	0,202	0,170	0,145	0,124
1,25	q <sub>Re</sub> (<1.5h)	46,409	28,378	18,162	12,612	9,266	7,094	5,606	4,540	3,752	3,153	2,687	2,317	2,018	1,774	1,571	1,401	1,258	1,135
	q <sub>Re</sub> (≥1.5h)	50,450	28,378	18,162	12,612	9,266	7,094	5,606	4,540	3,752	3,153	2,687	2,317	2,018	1,774	1,571	1,401	1,258	1,135
	q <sub>Rk</sub> (L/200)	49,129	20,726	10,612	6,141	3,867	2,591	1,820	1,326	0,997	0,768	0,604	0,483	0,393	0,324	0,270	0,227	0,193	0,166



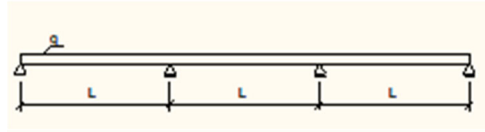
Double span – positive position

Trapeza® 35/207 T		Span [m]																	
t [mm]	S320	0,75	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,4	q <sub>Res</sub> (<1.5h)	3,983	2,546	1,774	1,310	1,008	0,800	0,651	0,540	0,455	0,383	0,326	0,281	0,245	0,215	0,191	0,170	0,153	0,138
	q <sub>Res</sub> (≥1.5h)	3,983	2,546	1,774	1,310	1,008	0,800	0,651	0,540	0,455	0,383	0,326	0,281	0,245	0,215	0,191	0,170	0,153	0,138
	q <sub>Res</sub> (L/200)	11,385	4,803	2,459	1,423	0,896	0,600	0,422	0,307	0,231	0,178	0,140	0,112	0,091	0,075	0,063	0,053	0,045	0,038
0,5	q <sub>Res</sub> (<1.5h)	6,578	4,228	2,959	2,192	1,691	1,345	1,096	0,910	0,768	0,657	0,560	0,483	0,421	0,370	0,327	0,292	0,262	0,237
	q <sub>Res</sub> (≥1.5h)	6,578	4,228	2,959	2,192	1,691	1,345	1,096	0,910	0,768	0,657	0,560	0,483	0,421	0,370	0,327	0,292	0,262	0,237
	q <sub>Res</sub> (L/200)	19,469	8,214	4,205	2,434	1,533	1,027	0,721	0,526	0,395	0,304	0,239	0,192	0,156	0,128	0,107	0,090	0,077	0,066
0,55	q <sub>Res</sub> (<1.5h)	8,068	5,195	3,641	2,700	2,084	1,659	1,353	1,124	0,949	0,813	0,696	0,600	0,522	0,459	0,407	0,363	0,326	0,294
	q <sub>Res</sub> (≥1.5h)	8,068	5,195	3,641	2,700	2,084	1,659	1,353	1,124	0,949	0,813	0,696	0,600	0,522	0,459	0,407	0,363	0,326	0,294
	q <sub>Res</sub> (L/200)	23,472	9,902	5,070	2,934	1,848	1,238	0,869	0,634	0,476	0,367	0,288	0,231	0,188	0,155	0,129	0,109	0,092	0,079
0,6	q <sub>Res</sub> (<1.5h)	9,684	6,245	4,382	3,252	2,512	2,001	1,632	1,357	1,146	0,981	0,844	0,727	0,634	0,557	0,493	0,440	0,395	0,356
	q <sub>Res</sub> (≥1.5h)	9,684	6,245	4,382	3,252	2,512	2,001	1,632	1,357	1,146	0,981	0,844	0,727	0,634	0,557	0,493	0,440	0,395	0,356
	q <sub>Res</sub> (L/200)	27,362	11,543	5,910	3,420	2,154	1,443	1,013	0,739	0,555	0,428	0,336	0,269	0,219	0,180	0,150	0,127	0,108	0,092
0,63	q <sub>Res</sub> (<1.5h)	10,715	6,915	4,855	3,604	2,786	2,219	1,811	1,506	1,272	1,089	0,939	0,809	0,705	0,620	0,549	0,490	0,439	0,397
	q <sub>Res</sub> (≥1.5h)	10,715	6,915	4,855	3,604	2,786	2,219	1,811	1,506	1,272	1,089	0,939	0,809	0,705	0,620	0,549	0,490	0,439	0,397
	q <sub>Res</sub> (L/200)	29,748	12,550	6,426	3,718	2,342	1,569	1,102	0,803	0,603	0,465	0,366	0,293	0,238	0,196	0,163	0,138	0,117	0,100
0,7	q <sub>Res</sub> (<1.5h)	13,003	8,378	5,874	4,357	3,365	2,679	2,184	1,816	1,533	1,313	1,125	0,970	0,845	0,743	0,658	0,587	0,527	0,475
	q <sub>Res</sub> (≥1.5h)	13,003	8,378	5,874	4,357	3,365	2,679	2,184	1,816	1,533	1,313	1,125	0,970	0,845	0,743	0,658	0,587	0,527	0,475
	q <sub>Res</sub> (L/200)	35,461	14,960	7,660	4,433	2,791	1,870	1,313	0,957	0,719	0,554	0,436	0,349	0,284	0,234	0,195	0,164	0,140	0,120
0,75	q <sub>Res</sub> (<1.5h)	14,672	9,436	6,607	4,896	3,777	3,005	2,449	2,035	1,718	1,470	1,254	1,081	0,942	0,828	0,733	0,654	0,587	0,530
	q <sub>Res</sub> (≥1.5h)	14,672	9,436	6,607	4,896	3,777	3,005	2,449	2,035	1,718	1,470	1,254	1,081	0,942	0,828	0,733	0,654	0,587	0,530
	q <sub>Res</sub> (L/200)	39,664	16,733	8,568	4,958	3,122	2,092	1,469	1,071	0,805	0,620	0,487	0,390	0,317	0,261	0,218	0,184	0,156	0,134
0,8	q <sub>Res</sub> (<1.5h)	16,406	10,534	7,366	5,453	4,204	3,342	2,722	2,261	1,908	1,626	1,386	1,195	1,041	0,915	0,810	0,723	0,649	0,585
	q <sub>Res</sub> (≥1.5h)	16,406	10,534	7,366	5,453	4,204	3,342	2,722	2,261	1,908	1,626	1,386	1,195	1,041	0,915	0,810	0,723	0,649	0,585
	q <sub>Res</sub> (L/200)	43,965	18,548	9,496	5,496	3,461	2,318	1,628	1,187	0,892	0,687	0,540	0,433	0,352	0,290	0,242	0,204	0,173	0,148
0,88	q <sub>Res</sub> (<1.5h)	19,308	12,365	8,630	6,379	4,912	3,902	3,175	2,635	2,223	1,880	1,602	1,381	1,203	1,058	0,937	0,836	0,750	0,677
	q <sub>Res</sub> (≥1.5h)	19,308	12,365	8,630	6,379	4,912	3,902	3,175	2,635	2,223	1,880	1,602	1,381	1,203	1,058	0,937	0,836	0,750	0,677
	q <sub>Res</sub> (L/200)	51,037	21,531	11,024	6,380	4,018	2,691	1,890	1,378	1,035	0,797	0,627	0,502	0,408	0,336	0,280	0,236	0,201	0,172
1	q <sub>Res</sub> (<1.5h)	24,197	15,463	10,776	7,955	6,120	4,857	3,950	3,277	2,762	2,323	1,979	1,706	1,486	1,306	1,157	1,032	0,926	0,836
	q <sub>Res</sub> (≥1.5h)	24,197	15,463	10,776	7,955	6,120	4,857	3,950	3,277	2,762	2,323	1,979	1,706	1,486	1,306	1,157	1,032	0,926	0,836
	q <sub>Res</sub> (L/200)	64,792	27,334	13,995	8,099	5,100	3,417	2,400	1,749	1,314	1,012	0,796	0,638	0,518	0,427	0,356	0,300	0,255	0,219
1,25	q <sub>Res</sub> (<1.5h)	34,583	21,929	15,195	11,167	8,561	6,776	5,498	4,540	3,752	3,153	2,687	2,317	2,018	1,774	1,571	1,401	1,258	1,135
	q <sub>Res</sub> (≥1.5h)	34,583	21,929	15,195	11,167	8,561	6,776	5,498	4,540	3,752	3,153	2,687	2,317	2,018	1,774	1,571	1,401	1,258	1,135
	q <sub>Res</sub> (L/200)	88,765	37,448	19,173	11,096	6,987	4,681	3,288	2,397	1,801	1,387	1,091	0,873	0,710	0,585	0,488	0,411	0,349	0,300



Double span – negative position

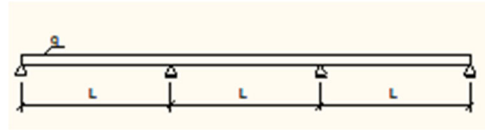
Trapeza® 35/207 T		Span [m]																	
t [mm]	S320	0,75	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,4	q <sub>Rs</sub> (c<1.5h)	3,982	2,545	1,774	1,310	1,008	0,800	0,651	0,540	0,455	0,383	0,326	0,281	0,245	0,215	0,191	0,170	0,153	0,138
	q <sub>Rs</sub> (c≥1.5h)	3,982	2,545	1,774	1,310	1,008	0,800	0,651	0,540	0,455	0,383	0,326	0,281	0,245	0,215	0,191	0,170	0,153	0,138
	q <sub>Rs</sub> (L/200)	14,635	6,174	3,161	1,829	1,152	0,772	0,542	0,395	0,297	0,229	0,180	0,144	0,117	0,096	0,080	0,068	0,058	0,049
0,5	q <sub>Rs</sub> (c<1.5h)	6,599	4,244	2,972	2,202	1,699	1,351	1,101	0,915	0,772	0,661	0,564	0,486	0,423	0,372	0,330	0,294	0,264	0,238
	q <sub>Rs</sub> (c≥1.5h)	6,599	4,244	2,972	2,202	1,699	1,351	1,101	0,915	0,772	0,661	0,564	0,486	0,423	0,372	0,330	0,294	0,264	0,238
	q <sub>Rs</sub> (L/200)	25,654	10,823	5,541	3,207	2,019	1,353	0,950	0,693	0,520	0,401	0,315	0,252	0,205	0,169	0,141	0,119	0,101	0,087
0,55	q <sub>Rs</sub> (c<1.5h)	7,988	5,136	3,596	2,664	2,055	1,635	1,332	1,107	0,935	0,800	0,682	0,588	0,512	0,450	0,399	0,356	0,319	0,288
	q <sub>Rs</sub> (c≥1.5h)	7,988	5,136	3,596	2,664	2,055	1,635	1,332	1,107	0,935	0,800	0,682	0,588	0,512	0,450	0,399	0,356	0,319	0,288
	q <sub>Rs</sub> (L/200)	31,781	13,408	6,865	3,973	2,502	1,676	1,177	0,858	0,645	0,497	0,391	0,313	0,254	0,209	0,175	0,147	0,125	0,107
0,6	q <sub>Rs</sub> (c<1.5h)	9,399	6,035	4,221	3,125	2,409	1,915	1,560	1,296	1,094	0,932	0,794	0,685	0,597	0,524	0,465	0,414	0,372	0,336
	q <sub>Rs</sub> (c≥1.5h)	9,399	6,035	4,221	3,125	2,409	1,915	1,560	1,296	1,094	0,932	0,794	0,685	0,597	0,524	0,465	0,414	0,372	0,336
	q <sub>Rs</sub> (L/200)	38,280	16,150	8,269	4,785	3,013	2,019	1,418	1,034	0,777	0,598	0,470	0,377	0,306	0,252	0,210	0,177	0,151	0,129
0,63	q <sub>Rs</sub> (c<1.5h)	10,287	6,600	4,614	3,414	2,631	2,091	1,703	1,414	1,193	1,015	0,865	0,746	0,650	0,571	0,506	0,451	0,405	0,365
	q <sub>Rs</sub> (c≥1.5h)	10,287	6,600	4,614	3,414	2,631	2,091	1,703	1,414	1,193	1,015	0,865	0,746	0,650	0,571	0,506	0,451	0,405	0,365
	q <sub>Rs</sub> (L/200)	42,353	17,868	9,148	5,294	3,334	2,233	1,569	1,144	0,859	0,662	0,520	0,417	0,339	0,279	0,233	0,196	0,167	0,143
0,7	q <sub>Rs</sub> (c<1.5h)	12,479	7,993	5,580	4,125	3,176	2,523	2,054	1,704	1,438	1,217	1,037	0,894	0,779	0,684	0,606	0,541	0,485	0,438
	q <sub>Rs</sub> (c≥1.5h)	12,479	7,993	5,580	4,125	3,176	2,523	2,054	1,704	1,438	1,217	1,037	0,894	0,779	0,684	0,606	0,541	0,485	0,438
	q <sub>Rs</sub> (L/200)	50,753	21,411	10,963	6,344	3,995	2,676	1,880	1,370	1,030	0,793	0,624	0,499	0,406	0,335	0,279	0,235	0,200	0,171
0,75	q <sub>Rs</sub> (c<1.5h)	14,144	9,050	6,313	4,663	3,589	2,850	2,319	1,924	1,623	1,369	1,167	1,006	0,876	0,770	0,682	0,608	0,546	0,493
	q <sub>Rs</sub> (c≥1.5h)	14,144	9,050	6,313	4,663	3,589	2,850	2,319	1,924	1,623	1,369	1,167	1,006	0,876	0,770	0,682	0,608	0,546	0,493
	q <sub>Rs</sub> (L/200)	56,599	23,878	12,225	7,075	4,455	2,985	2,096	1,528	1,148	0,884	0,696	0,557	0,453	0,373	0,311	0,262	0,223	0,191
0,8	q <sub>Rs</sub> (c<1.5h)	15,890	10,157	7,080	5,227	4,022	3,192	2,596	2,154	1,816	1,528	1,302	1,122	0,978	0,859	0,761	0,679	0,609	0,550
	q <sub>Rs</sub> (c≥1.5h)	15,890	10,157	7,080	5,227	4,022	3,192	2,596	2,154	1,816	1,528	1,302	1,122	0,978	0,859	0,761	0,679	0,609	0,550
	q <sub>Rs</sub> (L/200)	62,538	26,383	13,508	7,817	4,923	3,298	2,316	1,689	1,269	0,977	0,769	0,615	0,500	0,412	0,344	0,290	0,246	0,211
0,88	q <sub>Rs</sub> (c<1.5h)	18,849	12,031	8,377	6,180	4,751	3,769	3,065	2,541	2,136	1,795	1,529	1,319	1,149	1,010	0,894	0,798	0,716	0,646
	q <sub>Rs</sub> (c≥1.5h)	18,849	12,031	8,377	6,180	4,751	3,769	3,065	2,541	2,136	1,795	1,529	1,319	1,149	1,010	0,894	0,798	0,716	0,646
	q <sub>Rs</sub> (L/200)	72,208	30,463	15,597	9,026	5,684	3,808	2,674	1,950	1,465	1,128	0,887	0,711	0,578	0,476	0,397	0,334	0,284	0,244
1	q <sub>Rs</sub> (c<1.5h)	23,444	14,918	10,364	7,632	5,860	4,644	3,772	3,125	2,603	2,188	1,864	1,607	1,400	1,231	1,090	0,972	0,873	0,788
	q <sub>Rs</sub> (c≥1.5h)	23,444	14,918	10,364	7,632	5,860	4,644	3,772	3,125	2,603	2,188	1,864	1,607	1,400	1,231	1,090	0,972	0,873	0,788
	q <sub>Rs</sub> (L/200)	90,848	38,327	19,623	11,356	7,151	4,791	3,365	2,453	1,843	1,420	1,116	0,894	0,727	0,599	0,499	0,421	0,358	0,307
1.25	q <sub>Rs</sub> (c<1.5h)	32,538	20,478	14,112	10,329	7,893	6,230	5,029	4,074	3,367	2,829	2,410	2,078	1,811	1,591	1,410	1,257	1,128	1,018
	q <sub>Rs</sub> (c≥1.5h)	32,538	20,478	14,112	10,329	7,893	6,230	5,029	4,074	3,367	2,829	2,410	2,078	1,811	1,591	1,410	1,257	1,128	1,018
	q <sub>Rs</sub> (L/200)	121,543	51,276	26,253	15,193	9,568	6,409	4,502	3,282	2,466	1,899	1,494	1,196	0,972	0,801	0,668	0,563	0,478	0,410



Triple span – positive position

Trapeza® 35/207 T		Span [m]																	
t [mm]	S320	0,75	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,4	q <sub>Re</sub> (<1.5h)	4,750	3,057	2,142	1,587	1,225	0,975	0,795	0,660	0,558	0,477	0,408	0,352	0,306	0,269	0,238	0,213	0,191	0,172
	q <sub>Re</sub> (≥1.5h)	4,750	3,057	2,142	1,587	1,225	0,975	0,795	0,660	0,558	0,477	0,408	0,352	0,306	0,269	0,238	0,213	0,191	0,172
	q <sub>Re</sub> (L/200)	8,419	3,552	1,818	1,052	0,663	0,444	0,312	0,227	0,171	0,132	0,103	0,083	0,067	0,055	0,046	0,039	0,033	0,028
0,5	q <sub>Re</sub> (<1.5h)	7,831	5,068	3,566	2,652	2,052	1,637	1,336	1,112	0,940	0,806	0,698	0,604	0,526	0,462	0,409	0,365	0,328	0,296
	q <sub>Re</sub> (≥1.5h)	7,831	5,068	3,566	2,652	2,052	1,637	1,336	1,112	0,940	0,806	0,698	0,604	0,526	0,462	0,409	0,365	0,328	0,296
	q <sub>Re</sub> (L/200)	14,397	6,074	3,110	1,800	1,133	0,759	0,533	0,389	0,292	0,225	0,177	0,142	0,115	0,095	0,079	0,067	0,057	0,049
0,55	q <sub>Re</sub> (<1.5h)	9,599	6,224	4,385	3,264	2,528	2,018	1,649	1,373	1,161	0,995	0,863	0,750	0,653	0,574	0,508	0,454	0,407	0,367
	q <sub>Re</sub> (≥1.5h)	9,599	6,224	4,385	3,264	2,528	2,018	1,649	1,373	1,161	0,995	0,863	0,750	0,653	0,574	0,508	0,454	0,407	0,367
	q <sub>Re</sub> (L/200)	17,357	7,322	3,749	2,170	1,366	0,915	0,643	0,469	0,352	0,271	0,213	0,171	0,139	0,114	0,095	0,080	0,068	0,059
0,6	q <sub>Re</sub> (<1.5h)	11,517	7,478	5,274	3,930	3,046	2,433	1,989	1,657	1,402	1,202	1,042	0,909	0,792	0,696	0,617	0,550	0,494	0,446
	q <sub>Re</sub> (≥1.5h)	11,517	7,478	5,274	3,930	3,046	2,433	1,989	1,657	1,402	1,202	1,042	0,909	0,792	0,696	0,617	0,550	0,494	0,446
	q <sub>Re</sub> (L/200)	20,234	8,536	4,370	2,529	1,593	1,067	0,749	0,546	0,410	0,316	0,249	0,199	0,162	0,133	0,111	0,094	0,080	0,068
0,63	q <sub>Re</sub> (<1.5h)	12,739	8,278	5,842	4,355	3,377	2,697	2,206	1,838	1,556	1,334	1,157	1,012	0,881	0,775	0,686	0,612	0,549	0,496
	q <sub>Re</sub> (≥1.5h)	12,739	8,278	5,842	4,355	3,377	2,697	2,206	1,838	1,556	1,334	1,157	1,012	0,881	0,775	0,686	0,612	0,549	0,496
	q <sub>Re</sub> (L/200)	21,998	9,280	4,752	2,750	1,732	1,160	0,815	0,594	0,446	0,344	0,270	0,216	0,176	0,145	0,121	0,102	0,087	0,074
0,7	q <sub>Re</sub> (<1.5h)	15,469	10,035	7,072	5,267	4,081	3,257	2,662	2,217	1,876	1,608	1,394	1,213	1,057	0,929	0,823	0,734	0,659	0,594
	q <sub>Re</sub> (≥1.5h)	15,469	10,035	7,072	5,267	4,081	3,257	2,662	2,217	1,876	1,608	1,394	1,213	1,057	0,929	0,823	0,734	0,659	0,594
	q <sub>Re</sub> (L/200)	26,223	11,063	5,664	3,278	2,064	1,383	0,971	0,708	0,532	0,410	0,322	0,258	0,210	0,173	0,144	0,121	0,103	0,089
0,75	q <sub>Re</sub> (<1.5h)	17,464	11,309	7,960	5,921	4,584	3,656	2,986	2,486	2,102	1,801	1,561	1,352	1,177	1,035	0,917	0,818	0,734	0,662
	q <sub>Re</sub> (≥1.5h)	17,464	11,309	7,960	5,921	4,584	3,656	2,986	2,486	2,102	1,801	1,561	1,352	1,177	1,035	0,917	0,818	0,734	0,662
	q <sub>Re</sub> (L/200)	29,331	12,374	6,335	3,666	2,309	1,547	1,086	0,792	0,595	0,458	0,360	0,289	0,235	0,193	0,161	0,136	0,115	0,099
0,8	q <sub>Re</sub> (<1.5h)	19,540	12,631	8,879	6,598	5,104	4,068	3,321	2,763	2,336	2,000	1,732	1,493	1,301	1,143	1,013	0,903	0,811	0,732
	q <sub>Re</sub> (≥1.5h)	19,540	12,631	8,879	6,598	5,104	4,068	3,321	2,763	2,336	2,000	1,732	1,493	1,301	1,143	1,013	0,903	0,811	0,732
	q <sub>Re</sub> (L/200)	32,511	13,715	7,022	4,064	2,559	1,714	1,204	0,878	0,659	0,508	0,400	0,320	0,260	0,214	0,179	0,151	0,128	0,110
0,88	q <sub>Re</sub> (<1.5h)	23,016	14,840	10,411	7,725	5,968	4,752	3,876	3,223	2,722	2,330	2,002	1,727	1,504	1,322	1,171	1,044	0,937	0,846
	q <sub>Re</sub> (≥1.5h)	23,016	14,840	10,411	7,725	5,968	4,752	3,876	3,223	2,722	2,330	2,002	1,727	1,504	1,322	1,171	1,044	0,937	0,846
	q <sub>Re</sub> (L/200)	37,741	15,922	8,152	4,718	2,971	1,990	1,398	1,019	0,766	0,590	0,464	0,371	0,302	0,249	0,207	0,175	0,149	0,127
1	q <sub>Re</sub> (<1.5h)	28,864	18,571	13,008	9,640	7,439	5,920	4,825	4,009	3,385	2,896	2,474	2,133	1,858	1,633	1,447	1,290	1,158	1,045
	q <sub>Re</sub> (≥1.5h)	28,864	18,571	13,008	9,640	7,439	5,920	4,825	4,009	3,385	2,896	2,474	2,133	1,858	1,633	1,447	1,290	1,158	1,045
	q <sub>Re</sub> (L/200)	47,912	20,213	10,349	5,989	3,771	2,527	1,775	1,294	0,972	0,749	0,589	0,471	0,383	0,316	0,263	0,222	0,189	0,162
1,25	q <sub>Re</sub> (<1.5h)	41,361	26,403	18,385	13,564	10,430	8,274	6,727	5,578	4,691	3,941	3,358	2,896	2,522	2,217	1,964	1,752	1,572	1,419
	q <sub>Re</sub> (≥1.5h)	41,361	26,403	18,385	13,564	10,430	8,274	6,727	5,578	4,691	3,941	3,358	2,896	2,522	2,217	1,964	1,752	1,572	1,419
	q <sub>Re</sub> (L/200)	65,639	27,692	14,178	8,205	5,167	3,461	2,431	1,772	1,332	1,026	0,807	0,646	0,525	0,433	0,361	0,304	0,258	0,222





Triple span – negative position

Trapeza® 35/207 T		Span [m]																	
t [mm]	S320	0,75	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00
0,4	q <sub>Ed</sub> (<1.5h)	4,750	3,057	2,141	1,587	1,225	0,975	0,795	0,660	0,557	0,477	0,408	0,352	0,306	0,269	0,238	0,213	0,191	0,172
	q <sub>Ed</sub> (≥1.5h)	4,750	3,057	2,141	1,587	1,225	0,975	0,795	0,660	0,557	0,477	0,408	0,352	0,306	0,269	0,238	0,213	0,191	0,172
	q <sub>Ek</sub> (L/200)	10,822	4,566	2,338	1,353	0,852	0,571	0,401	0,292	0,220	0,169	0,133	0,106	0,087	0,071	0,059	0,050	0,043	0,037
0,5	q <sub>Ed</sub> (<1.5h)	7,856	5,086	3,580	2,663	2,061	1,644	1,343	1,118	0,945	0,810	0,702	0,608	0,529	0,465	0,412	0,368	0,330	0,298
	q <sub>Ed</sub> (≥1.5h)	7,856	5,086	3,580	2,663	2,061	1,644	1,343	1,118	0,945	0,810	0,702	0,608	0,529	0,465	0,412	0,368	0,330	0,298
	q <sub>Ek</sub> (L/200)	18,970	8,003	4,098	2,371	1,493	1,000	0,703	0,512	0,385	0,296	0,233	0,187	0,152	0,125	0,104	0,088	0,075	0,064
0,55	q <sub>Ed</sub> (<1.5h)	9,508	6,156	4,332	3,222	2,494	1,989	1,625	1,352	1,144	0,980	0,849	0,735	0,640	0,563	0,498	0,445	0,399	0,360
	q <sub>Ed</sub> (≥1.5h)	9,508	6,156	4,332	3,222	2,494	1,989	1,625	1,352	1,144	0,980	0,849	0,735	0,640	0,563	0,498	0,445	0,399	0,360
	q <sub>Ek</sub> (L/200)	23,501	9,915	5,076	2,938	1,850	1,239	0,870	0,635	0,477	0,367	0,289	0,231	0,188	0,155	0,129	0,109	0,093	0,079
0,6	q <sub>Ed</sub> (<1.5h)	11,194	7,237	5,087	3,781	2,925	2,331	1,903	1,584	1,339	1,147	0,993	0,856	0,746	0,656	0,581	0,518	0,465	0,420
	q <sub>Ed</sub> (≥1.5h)	11,194	7,237	5,087	3,781	2,925	2,331	1,903	1,584	1,339	1,147	0,993	0,856	0,746	0,656	0,581	0,518	0,465	0,420
	q <sub>Ek</sub> (L/200)	28,307	11,942	6,114	3,538	2,228	1,493	1,048	0,764	0,574	0,442	0,348	0,279	0,226	0,187	0,156	0,131	0,111	0,096
0,63	q <sub>Ed</sub> (<1.5h)	12,255	7,917	5,562	4,132	3,195	2,546	2,078	1,728	1,461	1,251	1,081	0,932	0,812	0,714	0,632	0,564	0,506	0,457
	q <sub>Ed</sub> (≥1.5h)	12,255	7,917	5,562	4,132	3,195	2,546	2,078	1,728	1,461	1,251	1,081	0,932	0,812	0,714	0,632	0,564	0,506	0,457
	q <sub>Ek</sub> (L/200)	31,319	13,213	6,765	3,915	2,465	1,652	1,160	0,846	0,635	0,489	0,385	0,308	0,251	0,206	0,172	0,145	0,123	0,106
0,7	q <sub>Ed</sub> (<1.5h)	14,874	9,592	6,730	4,995	3,859	3,073	2,507	2,084	1,761	1,507	1,296	1,118	0,974	0,856	0,758	0,676	0,607	0,548
	q <sub>Ed</sub> (≥1.5h)	14,874	9,592	6,730	4,995	3,859	3,073	2,507	2,084	1,761	1,507	1,296	1,118	0,974	0,856	0,758	0,676	0,607	0,548
	q <sub>Ek</sub> (L/200)	37,530	15,833	8,107	4,691	2,954	1,979	1,390	1,013	0,761	0,586	0,461	0,369	0,300	0,247	0,206	0,174	0,148	0,127
0,75	q <sub>Ed</sub> (<1.5h)	16,864	10,864	7,617	5,649	4,362	3,473	2,831	2,354	1,988	1,701	1,458	1,257	1,095	0,963	0,853	0,761	0,683	0,616
	q <sub>Ed</sub> (≥1.5h)	16,864	10,864	7,617	5,649	4,362	3,473	2,831	2,354	1,988	1,701	1,458	1,257	1,095	0,963	0,853	0,761	0,683	0,616
	q <sub>Ek</sub> (L/200)	41,854	17,657	9,040	5,232	3,295	2,207	1,550	1,130	0,849	0,654	0,514	0,412	0,335	0,276	0,230	0,194	0,165	0,141
0,8	q <sub>Ed</sub> (<1.5h)	18,953	12,197	8,545	6,334	4,888	3,890	3,171	2,635	2,225	1,904	1,627	1,403	1,222	1,074	0,952	0,849	0,762	0,688
	q <sub>Ed</sub> (≥1.5h)	18,953	12,197	8,545	6,334	4,888	3,890	3,171	2,635	2,225	1,904	1,627	1,403	1,222	1,074	0,952	0,849	0,762	0,688
	q <sub>Ek</sub> (L/200)	46,245	19,510	9,989	5,781	3,640	2,439	1,713	1,249	0,938	0,723	0,568	0,455	0,370	0,305	0,254	0,214	0,182	0,156
0,88	q <sub>Ed</sub> (<1.5h)	22,493	14,454	10,115	7,491	5,778	4,595	3,744	3,110	2,625	2,244	1,912	1,648	1,436	1,262	1,118	0,997	0,895	0,808
	q <sub>Ed</sub> (≥1.5h)	22,493	14,454	10,115	7,491	5,778	4,595	3,744	3,110	2,625	2,244	1,912	1,648	1,436	1,262	1,118	0,997	0,895	0,808
	q <sub>Ek</sub> (L/200)	53,396	22,526	11,534	6,674	4,203	2,816	1,978	1,442	1,083	0,834	0,656	0,525	0,427	0,352	0,293	0,247	0,210	0,180
1	q <sub>Ed</sub> (<1.5h)	28,005	17,941	12,527	9,260	7,132	5,666	4,612	3,828	3,229	2,734	2,330	2,009	1,750	1,538	1,363	1,215	1,091	0,984
	q <sub>Ed</sub> (≥1.5h)	28,005	17,941	12,527	9,260	7,132	5,666	4,612	3,828	3,229	2,734	2,330	2,009	1,750	1,538	1,363	1,215	1,091	0,984
	q <sub>Ek</sub> (L/200)	67,180	28,341	14,511	8,397	5,288	3,543	2,488	1,814	1,363	1,050	0,826	0,661	0,537	0,443	0,369	0,311	0,264	0,227
1,25	q <sub>Ed</sub> (<1.5h)	39,015	24,716	17,115	12,572	9,634	7,622	6,183	5,092	4,208	3,536	3,013	2,598	2,263	1,989	1,762	1,572	1,411	1,273
	q <sub>Ed</sub> (≥1.5h)	39,015	24,716	17,115	12,572	9,634	7,622	6,183	5,092	4,208	3,536	3,013	2,598	2,263	1,989	1,762	1,572	1,411	1,273
	q <sub>Ek</sub> (L/200)	89,878	37,917	19,414	11,235	7,075	4,740	3,329	2,427	1,823	1,404	1,105	0,884	0,719	0,592	0,494	0,416	0,354	0,303

Explanatory note:

- q<sub>Ed</sub> (<1.5h) design resistance [kN/m<sup>2</sup>] end support width at least 40 mm, end support at distance at least 40 mm clear from a free end internal support width at least 120 mm
- q<sub>Ed</sub> (≥1.5h) design resistance [kN/m<sup>2</sup>] end support width at least 40 mm, end support at distance at least 1.5 x h<sub>w</sub> (web height) clear from a free end internal support width at least 120 mm
- q<sub>Ek</sub> (δ≤L/200) characteristics load that meets the serviceability limit for deflection of L/200 [kN/m<sup>2</sup>]