



Excellent ApS
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Concerning COMFORT plastics tile element for floor

Characteristic loads on the COMFORT plastics elements can be added on a short time and long time basis as follows:

SHORT TIME LOAD 1 HOUR					LONG TIME LOAD 10.000 HOURS			
TEMPERATURE	TRUCK	CAR	CART	SURFACE LOAD	TRUCK	CAR	CART	SURFACE LOAD
°C	Kp	Kp	Kp	Kp/m ²	Kp	Kp	Kp	Kp/m ²
23	13.500	1.880	690	18.667	7.360	1.020	368	9.956
40	7.830	1.087	390	10.578	5.230	768	275	7.467
60	5.060	700	250	6.845	3.230	450	160	4.356

The calculated numbers are based on characteristic creeping modules for low density polyethylene materials from which the COMFORT elements are made and a relative stain of 5%.

Yours Sincerely
 Department of Plastics Technology

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