

ONE MORE LIFE TEST



TESTING PROCEDURE

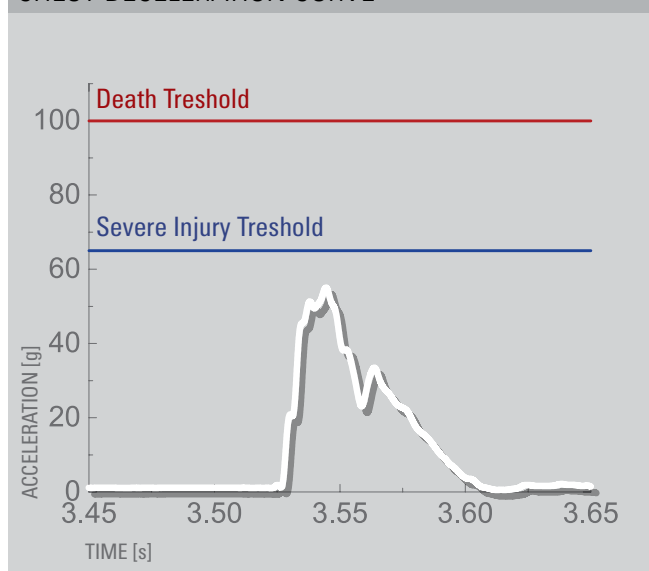
There is no standard for such a type of safety surface. This is normal since One More Life is the first of its kind. In order to determine whether it is safe we follow the standards set by the car manufacturing industry using a Hybrid II crash test dummy. Those procedures and standards are applicable in the event of fall from considerable heights from artificial climbing structures since the speed reached at the point of contact with the ground are comparable with highway car speeds. For example, if falling from 17 m / 55 ft, a person will hit the ground with 65 km/h or 40 mph.

US NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION (NHTSA)				
Type of Human	Male	Female	Child	Average
Highly Dangerous Impact Deceleration	75 g's	65 g's	50 g's	65 g's

The NHTSA (National Highway Traffic Safety Administration) standard for a sudden impact chest deceleration on a human that would cause severe injury or death is 65 g's for an average human.

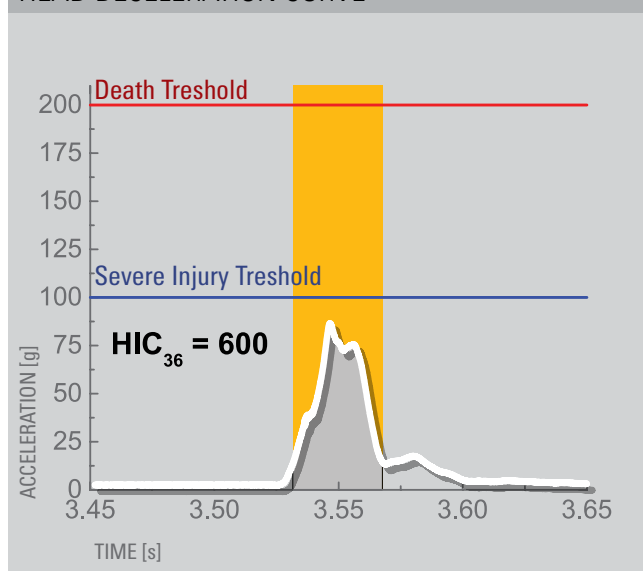
TEST RESULTS

CHEST DECELERATION CURVE



Human torso deceleration when falling on One More Life, from a height of 17 m.
The maximum value is 55 g's.

HEAD DECELERATION CURVE



The average Head Injury Criterion (HIC) in such fall is 598, where the limit for HIC_{36} is 1000.

A HIC_{36} of 598 means that there is less than 5% chance for severe head injury and less than 60% chance for a moderate injury.



Those results are similar to car crashes with similar speeds, and are considered safe by the car industry standards, with significantly low risks for severe head or chest injuries and death.

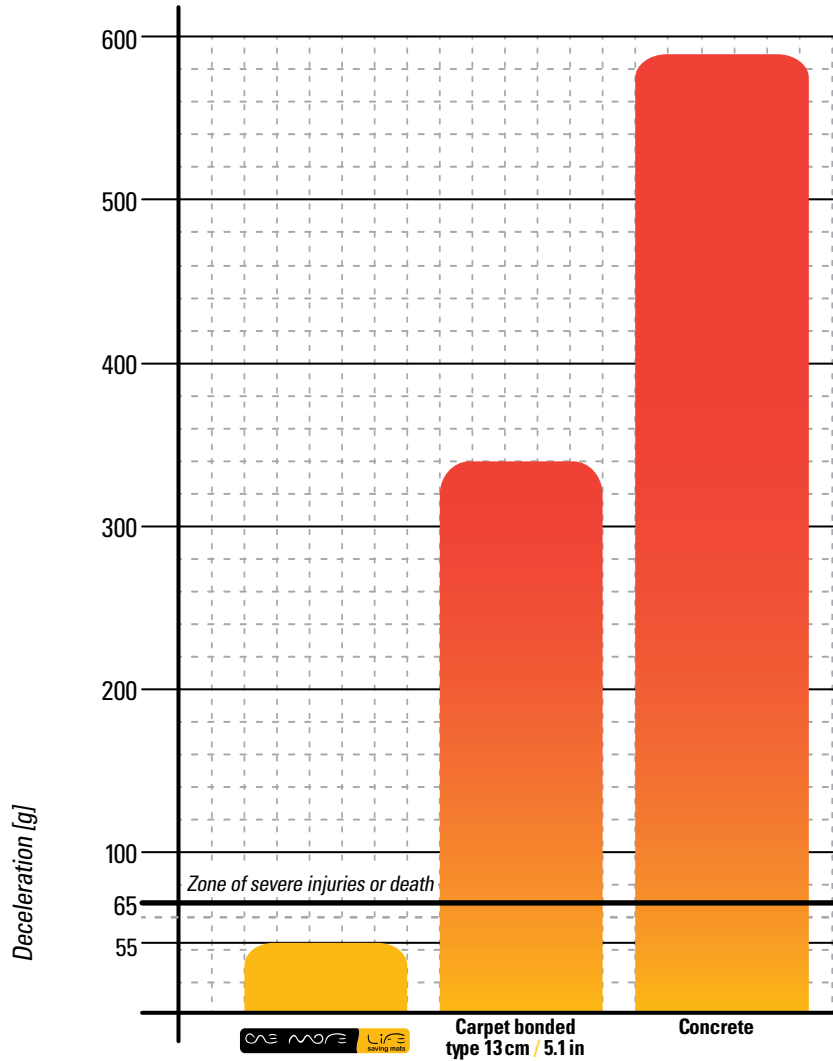
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SUMMARY OF TEST RESULTS FROM DIFFERENT HEIGHTS

FLOORING	HEIGHT OF FALL	IMPACT DECELERATION (G FORCE)	HEAD INJURY CRITERION (HIC)
ONE MORE LIFE	7m (23 ft)	35 g`s	520
ONE MORE LIFE	12 m (39 ft)	42 g`s	568
ONE MORE LIFE	17 m (55 ft)	58 g`s	598
NHTSA	-	65 g`s	1000

COMPARISON TO OTHER FLOOR SURFACES



The table represents a fall from 17m/55 ft on three different types of flooring.