

## BACKGROUND INFORMATION

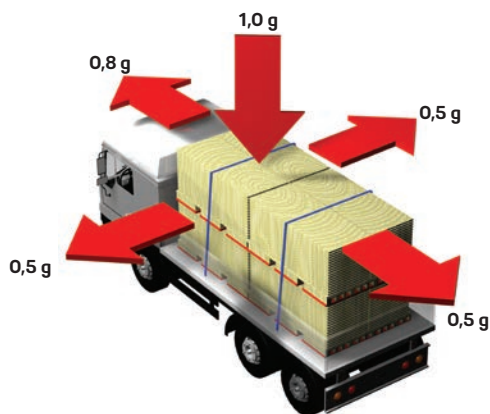
# FORCES GENERATED BY DIFFERENT MOVEMENTS

1.0 G denotes the weight of the load. Accordingly, the forces which are exerted at various movements of means of transport reach up to 80% of this value (truck transport).

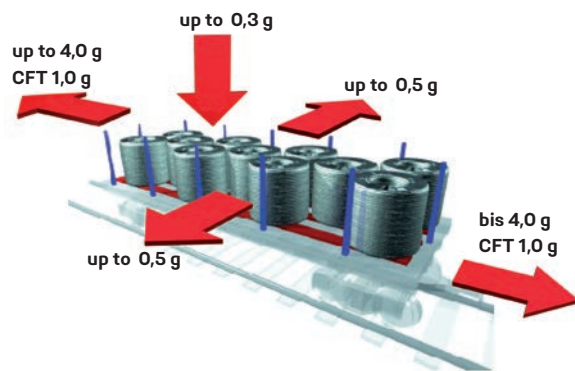
The frictional force, which together with the securing force secures the load against slipping, can be significantly increased by anti-slip mats. A good Anti-slip mat can secure 60 % and more of the load guarantee. To a lashing and similar fixings must not be dispensed with.



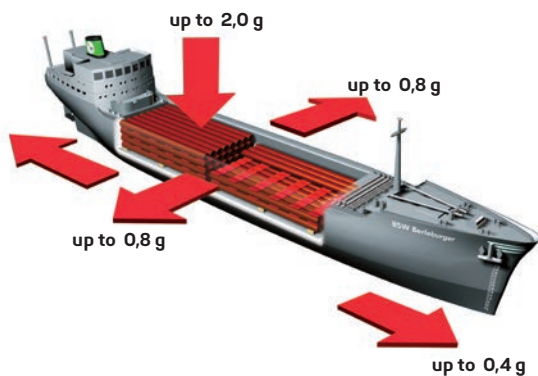
Correct load securing: The anti-slip mats are marked in red here.



80 % of the load weight must be absorbed by load securing during truck manoeuvres.



For rail transports, the forces are extreme: the load securing must withstand four times the load weight (CFT = combined freight transport).



In the case of shipping, they still amount to twice the weight of the cargo.

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