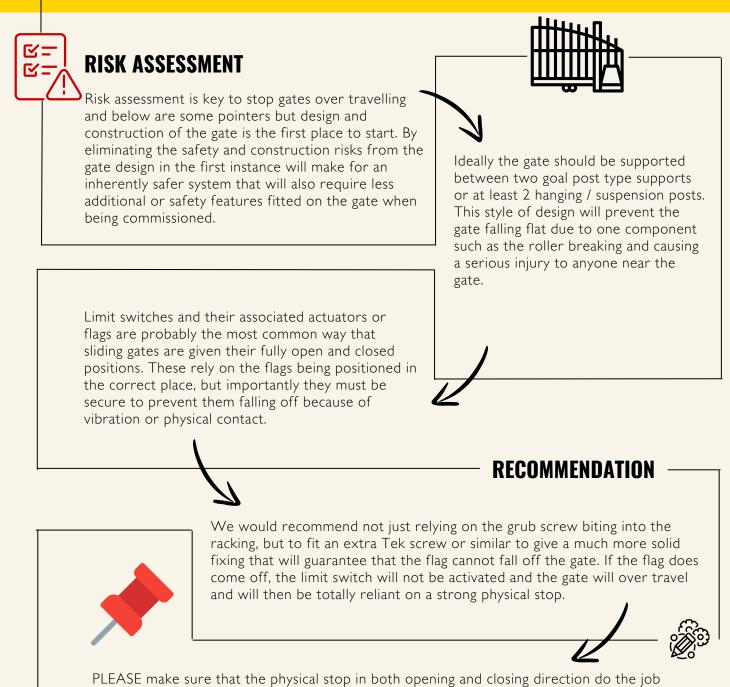
GATE SAFETY BY DESIGN Stopping sliding gate over-travel





PLEASE make sure that the physical stop in both opening and closing direction do the job properly. If using the end plates on sliders that have internal rollers or wheels in the running tube do not use screws to hold the end covers in place as these can easily be broken if the gate is running at full power. Weld the end plates to ensure they are strong enough to hold them securely in place. Make sure that channels that have support rollers running in them have strong end caps that again are welded in place. Consider if there is any possibility that the gate rollers could over or underride the end stops, and then make sure they cannot. ideally the roller wants to fill enough of the channel to prevent movement.



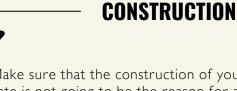
GATE SAFETY BY DESIGN Stopping sliding gate over-travel



After determining the desired travel distance fit the racking so it stops just after the limit switch would activate. This way if the limit failed the gate would lose drive after this point and then would not be able to be over travel when the motor was running. 'No rack, No drive'.

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Of course, this would have no effect if the gate was in manual release, so it is not a substitute for strong physical end stops



Make sure that the construction of your gate is not going to be the reason for a gate falling accident.

Ensure you are fully aware of all the risks with the Gate Safe Installer training. If you own a gate and have questions about the gate over travelling you can find an installer in your area here: https://gate-safe.org/findinstallers/installers-postcode/



If you have any questions or would like to discuss gate safety further, please email us at **info@gate-safe.org** or call us on **01303 840117**.