

Suspension of a roller door shutter

With the exception of the lowest two or three panels, the roller door shutter should always hang in tension in its closed position and not sag.

This is structurally important for the roller door shutter because the tension force in a hanging shutter has a positive effect upon stability, particularly with wind loading.

The width of the guides is also greater than the nominal thickness of the profile. With a sagging shutter, the profiles are, therefore, positioned at an angle, resulting in the typical, undesirable washboard effect.

(quod vide Steuff, Das Rolltor, 2. Auflage, Werner Verlag.)