

Tips and tricks from Armstrong DLW

If you are trying to solve a tricky problem, or need the advice of our technical advisors, do not hesitate to contact our Technical Advisory Department. The team will be happy to help you.

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Subject no. 5: Suitable chair castors for flexible floor coverings

Neither furniture nor floor covering manufacturers have any influence over the state of care and the use of furniture, but this is often where the cause of damage to the floor by chairs is to be found.

Anyone who sits on a chair and tilts it backwards is reducing the area in contact with the floor and thus increasing the pressure. The result is that the pressure-distributing feet on the chair will be damaged and they will thus become smaller and their edges sharper. Tilting the chair further on these sharp edges will then inevitably damage the floor covering.

Chair feet with hard plastic slides which are not fitted over the whole surface or have sharp edges will damage any floor covering.

For office chairs with castors, DIN 68131 prescribes Type "W" (soft) castors for use on flexible floor coverings in order to avoid damage.

This is also applicable to the feet of chairs and other pieces of furniture. Suitable soft surfaces for use on their undersides include felt or light-coloured, soft plastic slides. In normal use, chair feet of this kind cannot damage flexible floor-coverings.