

Treatment kit for cracks and splits in robinia wood

Robinia wood is living material
that works its entire lifetime.



The mark of
responsible forestry

NORNA
PLAYGROUNDS
designed for sustainable and creative play

This means that cracks and splits resulting from shrinkage can occur

Wood is a natural material, which adapts to its surroundings and reacts to changes in the weather. This can clearly be seen during hot spells, when cracks can form in the wood. Most of the cracks that form in Robinia wood will have resulted from shrinkage, and this has no effect on the quality of the wood or on safety.

Shrinkage cracks

Shrinkage cracks are openings in the wood that become smaller towards the centre of the wood. These openings are not considered to be finger entrapment hazards, which means that they do not require any action.

Below you can see how shrinkage cracks are easily treated.



A crack that has an opening that becomes smaller towards the centre of the wood is not critical, since there is no finger entrapment hazard.



Shrinkage crack

Splits

A split occurs when the opening is continuous in a post and it also has a cross-section of between 8 mm and 25 mm. A finger entrapment hazard can occur with this type of split. It is important that you pay attention to these potential finger entrapment hazards, where the user is in a "forced movement", for example, when you slide down a slide.

These cracks are covered by NORNA PLAYGROUNDS' warranty terms and conditions for two years.

To read the warranty terms and conditions, and to submit a complaint, go to: www.norna-playgrounds.com



Split, where the opening is continuous and is also between 8 mm and 25 mm.



Split



Crack in wood



Fill with adhesive



Insert wooden wedges



Hammer the wooden wedges into position



Saw off the protruding tops of the wooden wedges



Sand the wooden wedges' exposed surface



Hammer on plugs



Finished result



If for aesthetic reasons, you want to seal a shrinkage crack, NORNA PLAYGROUNDS has developed a "Shrinkage Cracks Treatment Kit" that you can use.

You can include this treatment as part of the playground equipment's normal maintenance work.

NORNA PLAYGROUNDS recommends that you use the "Shrinkage Cracks Treatment Kit".
(product number LE99617)

NORNA PLAYGROUNDS

designed for sustainable and creative play



We design and manufacture natural playgrounds for the whole world, based on children's needs to have their imaginations, creativity and motor functions stimulated. Our playground equipment appeals to both natural and free play for all children, using designs that are sustainable and safe.



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