

FLAME RETARDANT

All polymer based fabrics will burn when they are subjected to sufficient heat. Flame retardants are added to plastics based fabrics to either reduce or slow down the flame spread. In some cases they even extinguish the flame if there is no more external heat. In other words flame retardants will only create extra time to escape from the location where fabrics are on fire.

Flame retardants are not able to make polymer fabrics inflammable, they will only change the flammability!

Landskroon uses following types of flame retardants for its products:

- A standard flame retardant, available in white colour only, no UV stability (limited lifetime compared to non FR!). Significantly lower mechanical properties compared to similar non FR qualities. This classic brominated flame retardant is not environmental friendly.

- An UV stable flame retardant, available in any colour even in transparent, reasonable UV stability of between 100 to 200 Kly, no changes on the mechanical properties. Environmental friendly.

The new European standard for fire classification of construction products and building elements, EN 13501-1 has been effective since July 2002 and has replaced the previous national standards by December 2002. For more detailed information we advise you to visit the various national websites.

