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Foam Discolouration Due to UV Oxidation.

Polyurethane foam undergoes a yellow discolouration when exposed to light and air for extended time periods. This is a surface oxidation effect caused by UV light and / or nitrous oxides in the air. The exposed areas discolour whereas the areas protected by bed slats/ surface covering do not.

This type of discolouration does not happen if the foam is completely covered i.e. the potential for interaction with UV light rays is removed. Although the discolouration is permanent, all polyether polyurethane foam discolours in this way to some degree. UV discolouration is a natural occurrence which affects only the top (exposed) surface of the foam. It does not affect the physical properties of the foam and the foam is safe to use.

If you require any further explanation, please contact me directly.



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