

EFFECTS OF UV-RAYS ON STANDARD WETPOUR BINDER

Non UV-Stable Binder (Left) UV-Stable Binder (Right)



Black - RAL 9004
(Standard Colour)



Red - RAL 3016
(Standard Colour)



Light Green - RAL 6021
(Standard Colour)



Dark Green - RAL 6005
(Standard Colour)



Light Blue - RAL 5015
(Standard Colour)



Dark Blue - RAL 5010
(Standard Colour)



Bright Green - RAL 6017
(Non-Standard Colour)



Earth Yellow - RAL 1002
(Non-Standard Colour)



Beige - RAL 1014
(Non-Standard Colour)

EFFECTS OF UV-RAYS ON STANDARD WETPOUR BINDER

Non UV-Stable Binder (Left) UV-Stable Binder (Right)



Grey - RAL 7037
(Non-Standard Colour)
(Requires Aliphatic Binder)



Dark Grey - RAL 7011
(Non-Standard Colour)
(Requires Aliphatic Binder)



Eggshell - RAL 1015
(Non-Standard Colour)
(Requires Aliphatic Binder)



Turquoise - RAL 5012
(Non-Standard Colour)



Brown - RAL 8025
(Non-Standard Colour)



Bright Yellow - RAL 1012
(Non-Standard Colour)



Purple - RAL 4005
(Premium Colour)



Orange - RAL 2008
(Premium Colour)



Pink - RAL 4003
(Premium Colour)

EFFECTS OF UV-RAYS ON STANDARD WETPOUR BINDER

Non UV-Stable Binder (Left) UV-Stable Binder (Right)



White - RAL 9010
(Premium Colour)
(Requires Aliphatic Binder)



Black & Light Green Fleck
50:50 Mix



Black & Red Fleck
50:50 Mix



Black & Light Blue Fleck
50:50 Mix



Earth Blend
(Premium Blend)



Fire Blend
(Premium Blend)



Water Blend
(Premium Blend)

UV DISCOLOURATION:

There are two types of binder: aliphatic (UV resistant) and aromatic (non UV resistant). The potential for colour change is common to all aromatic based wetpour systems. The surface film of resin can change to a yellow/ brown colour under exposure to UV sunlight, and this colour change acts as a "filter" over the underlying rubber colour.

This "filter" can manifest itself as a colour change to the surfacing, more visible on certain colours of rubbers than others (as per above images). The effect will naturally diminish over a period of time due to the weathering and trafficking of the surface, and return to the original base rubber colour. Any colour change does not indicate deterioration of the physical properties, it is only a surface aesthetic issue, and is temporary.

Clearly the colour change can cause concern shortly after a site has been installed, but it is a normal occurrence, and will fade with weathering.

This will happen with **ALL COLOURS**; however, the visual extent may not be as noticeable in different colours.

UV DISCOLOURATION:

All coloured EPDM granules are susceptible to UV Discolouration. This is where the synthetic polymers are attacked by Ultra Violet radiation, meaning that the colour will fade over time.