S P O R T S

Flexible Anti-skid UV Resistant High Stability Seamless Coating Weather Resistant Environment Friendly Indoor Outdoor Application

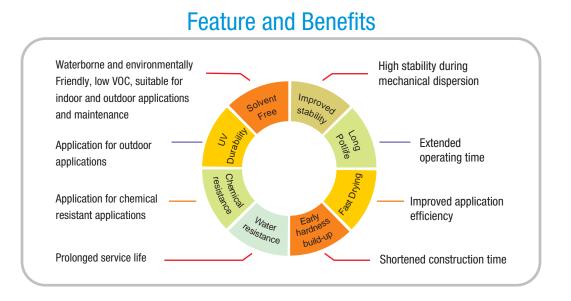




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About HPU - 500 water based hybride PU Coating

The newly developed Water based Hybrid PU Coating can be formulated to waterborne dispersion system without any solvent addition during manufacturing and application, which has benefit of easy application and high performance /cost ratio. This new product not only provides the desired mechanical properties for sports floor coating but also offers excellent weatherability in the final formulated product with unique hybrid technique. These sports coatings provides high performance with low VOC, which meets increasing needs for eco-friendly requirement and strict standards.



Traditional waterborne acrylic

90

80

70

60 Gloss

50

40

30

MOLDO HUP-500 Water based hybrid PU coating

Traditional waterborne PU



Coated metal samples are cured under 25°C/50% relative humidity for 7 days and placed into the QUV-A (295-370nm, wave crest 340nm) test chamber afterwards. The exposer test is a continuous QUV-A test (non cyclical test). The relationship between glossiness and QUV-A exposer time is studied and recorded.

Outstanding Impact Resistance

QUV-A Exposer Time (h)

Meeting the requirements of professional flooring test standards, 1000g steel ball, 100cm height, no cracks or peeling on the coating film



High Aberration Resistance

MOLDO HPU-500 Water based Hybrid PU protective coating system have higher Aberration Resistance, which meets and even exceeds professional flooring test standards even under critical conditions .

Excellent Chemical Resistance

Water resistance (168h)		
Chemical resistance	Oil resistance (120# petrol 168h)	No blisters
	Alkali resistance (20% NaOH, 168h)	No peeling
	Acid resistance (10% H2SO4, 168 h)	No discoloration

Shades



ROYAL BLUE



BOTTLE GREEN



DARK RED



OXY YELLOW



DARK BLUE



GREEN



TURKISH RED



AGATE GRAY





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