

Advantages of Polyurethane Anti Slip Coating Solution Against Epoxies

<u>Floor Tuff®</u>	<u>Epoxies</u>
<p><u>Single Pack</u></p> <ul style="list-style-type: none"> • No mixing. • No measuring errors. • All ingredients are contained in the product to provide the anti-slip product with all its inherent properties. 	<p><u>Two or More components</u></p> <ul style="list-style-type: none"> • Components need to be carefully mixed. • Measuring errors can be disastrous, as the product will not cure properly. • Generally, the anti-slip ingredients are post added or added at stages during the application of the product.
<p><u>Application</u></p> <ul style="list-style-type: none"> • Single pack, applied directly from the pail • One person can easily apply the product • Application is simple by brush, broom, roller (preferably a black textured roller) or spray by airless, hopper or panel beater gun • The ease of application allows the application to a greater area per day • Application cost generally lower • There are no pot life issues when applying the product. The applicator has ample time to correctly apply the product in an even uniform manner. • No wastage of the product. • Application do's and don'ts are simple and easy to follow. 	<p><u>Application</u></p> <ul style="list-style-type: none"> • Two or more packs make application a lot more difficult as ingredients need to be separately mixed before hand. • Generally requires a dedicated mixer as well and applicators. • Application is demanding and may require special equipment for spraying. • Application is generally slower. • Application costs generally higher. • There are demanding pot life limitations and product must be applied within the pot life constraints. • Mixing, application difficulties and pot life constraints can lead to wastage of product and additional costs. • Application is more complicated.
<p><u>Properties</u></p> <ul style="list-style-type: none"> • Flexible. • Vibration resistant. • Able to withstand significant building movement. • High tolerance to impact damage on both positive and negative sides of a given surface. 	<p><u>Properties</u></p> <ul style="list-style-type: none"> • Generally inflexible • Intolerant to vibration. • Generally, cannot withstand building movement as product rigid. • Low intolerance to impact damage particular if the surface distorts as a result of impact
<p><u>Maintenance</u></p> <ul style="list-style-type: none"> • Maintenance is quick and simple as the product can be readily re-coated. • Repair of damaged areas is quick and simple. • The product maintains its anti-slip properties throughout the life of the coating and therefore maintenance or the application rejuvenation coats can be planned in advance. 	<p><u>Maintenance</u></p> <ul style="list-style-type: none"> • Generally, the surface needs to be re-prepared and a new coating applied. • Repair of damaged areas is more demanding. • The loss of sand / aggregate may lead to the surface becoming slippery.
<p><u>Rejuvenation Coats</u></p> <ul style="list-style-type: none"> • Can be readily done with minimal preparation. • Costs of extending the life of the coating are low. 	<p><u>Rejuvenation Coats</u></p> <ul style="list-style-type: none"> • Generally this is not recommended, but if possible the preparation is more demanding. • Cost of extending the life of the coating is comparatively much higher.

<p><u>Surfaces To Which It Can Be Applied</u></p> <ul style="list-style-type: none"> • There almost no limited as where the product can be applied. Given its flexibility, elongation, tensile strength, adhesion, chemical resistance and durability properties it can be applied to both rigid surfaces such as concrete as well as flexible surface such as timber, fibre-cement sheeting, fiberglass and metal. • In additional to conventional flooring application the product is suitable for use on motor vehicles, boats, agricultural equipments and machinery. 	<p><u>Surfaces To Which It Can Be Applied</u></p> <ul style="list-style-type: none"> • Generally is limited to rigid surfaces.
<p><u>Additional Properties</u></p> <ul style="list-style-type: none"> • The product has excellent sealing and waterproofing properties and can be used as a trafficable waterproofing system. 	<p><u>Additional Properties</u></p> <ul style="list-style-type: none"> • Not applicable.

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