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TD Sheet WSG109

White ISO Spraying Gelcoat



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Description	Pre-accelerated, thixotropic, isophthalic polyester gelcoat with An acrylic monomer, formulated for spray application.
Product use	WSG109 is recommended for general moulding as well as some building & marine applications.
Characteristics	WSG109 exhibits excellent air release properties as well as good weathering & water resistance and will not drain on the mould, when used according to application guidelines.
Application	Before use, it is essential that WSG109 is allowed to attain a temperature of 18°C minimum. Agitate the gelcoat by hand or with a low shear mixer and leave standing to allow the gelcoat to regain thixotropy. WSG109 requires an addition of 2% medium active MEKP for a sufficient cure. The gelcoat should be applied using the minimum practical pressure (if the gelcoat temperature is below 18°C, more pressure will be required to achieve an acceptable spray fan, which will increase the risk of porosity). To avoid porosity, apply the gelcoat in 3 even passes, allowing a short time between passes, building up a gelcoat film thickness of approx. 650 microns/0.65mm (3 x passes of approx. 200 microns/0.2mm). Please note, to ensure good curing characteristics and to avoid other potential problems, such as air entrapment, it is important to follow application procedures accurately.

Liquid gelcoat properties

Appearance	Air free liquid
Liquid properties	Thixotropic
Gel time (2% medium active MEKP @ 25°C)	< 10 minutes

Important

The gel time and cure of WSG109 gelcoat will vary in Performance, depending on catalyst type, catalyst level and possibly different batches of the same type of catalyst. Mould, workshop & gel temperature will also influence the products performance. It is recommended that WSG109 should be checked for curing performance on a small scale before running in full production.