Claymark New Generation Seal Coat System

Superior Seal Coat System

DGL International in conjunction with Claymark NZ Ltd has designed a factory applied paint preparation system for external weatherboard and other exterior timber products incorporating a combination of tried and true technology along with state of the art crosslinked sealer coat and Acrylic chemistries. These systems not only provide a high performance solution for Claymark timber products, but are at the cutting edge of environmental compliance.

The properties of the Claymark New Generation Seal Coat System are:

- Worker safety and sustainability
- 3 coat application
- Highly crosslinked sealer coat overlaid with two full coats of new generation acrylic
- Improving dimensional stability
- Very good protection from moisture ingress
- W.B.E (water based extractives) stain prevention
- Mould inhibition
- Low VOC process (100% Solids or Water borne technology)

The environmental pedigree

The increase focus on the whole of life impact of coatings on the environment has driven DGL International coating development towards chemistries with significantly reduced environmental consequences or environmental risk.

Coupled with these new chemistries Claymark has focused on the entire production process and is utilising a DGL International initiative, the Envirowash system, which virtually eliminates any contamination from plant cleanup or process.

The Coating System

The cross linked sealer coat

A new state of the art paint system has been commissioned featuring 100% solids (no VOC's) fully cross linked sealer. This sealer imparts improved moisture resistance to the timber substrate resulting in improved dimensional stability and reduced extractive bleed.

The Acrylic primer undercoats

Two coats of the new generation Acrylic undercoats are laid over the sealer coat giving good opacity, excellent flow and provide a sound base for the application of premium acrylic top coats. The Acrylic undercoats are applied in factory as part of a continuous process subjected to the most exacting quality control standards.

Machine coated timber has a number of advantages over field coated timber

- All four sides are coated evenly
- Protects timber from weather exposure on site
- Quality control standards are more easily maintained in a factory environment
- Good film thickness control
- Factory primed product reduced the total cost of painting
- Factory priming has a lower total environment impact

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