

High Build Base Coat

This coating is formulated using an acrylic copolymer dispersion exhibiting a low sheen transition temperature, durable metal oxide pigments and carbonate extenders.

The formulation is designed for maximum volume solids.

The acrylic copolymer used in the formulation is a proven performer for this application and the low gloss transition temperature coupled with full internal plasticization will ensure that the coating will remain flexible for the entire service life.

Gloss Finish Coat

The formulation is prepared in similar fashion to the base coat. The polymer is pure acrylic designed to ensure maximum resistance to degrading weather elements. It is also formulated to maximise volume solids.

Conclusions

The formulations are prepared from high quality raw materials with a long history of successful use on exposure in New Zealand. The high volume solids stands them apart from a retail shelf line roof paint in that dry film build at a given wet film spread rate is significantly greater. The rheology profile of the products is designed to allow for high film build application by airless spray. This feature, coupled with the high volume solids, translates to high dry film thickness on the roof and this is the key to the long-term protection of the roof offered by this coating system.

Provided that application spread rates of approximately 5 square metres per litre per coat of base coat, followed by one coat of gloss finish at 8 square metres are not exceeded, the resulting coating system will, without doubt, produce long term substrate protection.

As with any coating system, regular maintenance in the form of light water blasting or chemical washing is recommended. Some film chalking can be expected over the service period but this does not impact on the principal function of substrate protection.