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DEVELOPMENT OF
Timbakote Rusticated Basecoat
ENHANCED DURABILITY SYSTEM
FOR
TIMBAKOTE LTD

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INTRODUCTION

Timbakote Ltd wished to develop a semi transparent coating system but with enhanced exterior durability on band sawn timber, in particular radiata ply.

PRODUCT DEVELOPMENT

The principal requirements to produce a system with enhanced durability are to limit moisture and light from reaching the surface of the timber substrate.

The standard Timbakote formulation is already proven to be a high performance product as a semi transparent finish applied direct to band sawn timber.

In order to enhance this performance, a third coat, in the form of an opaque basecoat has been introduced to the system. The basecoat has been custom formulated for the application but is based on proven direct to timber technology that has performed reliably over more than 9 years as a one or two coat system on both machined and band sawn radiata substrates.

This 100% acrylic technology is fully compatible with the 100% acrylic Timbakote Rusticated Timber Finish.

The application of the fully pigmented basecoat to the timber substrate will limit possible light initiated degradation of the timber surface, provide increased water resistance to the system and ensure long term adhesion.

The basecoat is tinted to interact with the semi transparent topcoats to provide an attractive semi transparent stain like finish with the performance advantages of a modern fully pigmented paint system.

CONCLUSION

The combination of two proven technologies will enhance the performance of the Timbakote formulation on band sawn timber in particular radiata ply.

Exposure history of the components of the system strongly indicates that a **minimum of 10 years performance** can be expected from the **Timbakote Rusticated Coating System**.

As with all coating systems, durability can be enhanced by the regular maintenance of the coating. In this case, washing and the application of appropriate chemical cleaning solutions on an annual basis is recommended.

K G Purdy