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ESSENTIAL COATINGS GUIDE

For joinery manufacturers using Accoya wood

Choosing the right coating to compliment your Accoya project is an important decision. We're here to help. Accsys has gained considerable knowledge and experience of coatings through partnerships developed with several leading coatings suppliers. It's important to note the following guidelines, in combination with the best practices and advice of the coating supplier.

BEST PRACTICE

When coating Accoya wood it is strongly recommended to follow these supplemental guidelines to achieve a quality finish and avoid problems.

1. A fully factory applied coating is strongly recommended. If site finishing is required, then at least a primer and mid coat should be applied in the factory and the top coat must be applied before the coated product gets wet on site.

2. Accoya wood must be dry, clean and free from dust when coated. This is critical when brush applying top coats on site. Please see the Accoya Wood Information Guide Section 4.

3. When using an opaque base coat, an effective and well applied stain blocking primer must be included. Two stain blocking primers will be more effective than one and offer more protection before the top-coated is applied.

4. Translucent coating systems must contain an effective mouldicidal component to protect the wood from unattractive moulds and mildew. As with other wood types and being a natural material, the porosity of Accoya may vary. Therefore when applying translucent stains, it is advisable to test a sample area first.

5. Sanding after profiling will help to improve the appearance with translucent coatings. Planed surfaces that are left for a period also benefit from surface preparation by sanding, fladding or textured brushing, helping to balance and freshen the surface.

6. Sealers must be effectively used on all end grain, with a product that is compatible with the paint system and approved by the coating manufacturer.

7. Dip and flow coat application of the first coating layer is widely practiced on all wooden joinery and is particularly effective in forming an all encompassing first coat. Monitor and control the level of wetting of Accoya during the flow coat, dipping & deluge application process. Accoya is more porous than hardwood and some softwoods. Excessive wetting should be avoided as this can significantly extend drying times. Accoya has a pH range of 4 – 5.5. Please see the Accoya Wood Information Guide.

8. Coating manufacturer's application guidance should be followed with particular focus on, avoiding aeration in the coating film when spraying, cold coatings (should typically be above 15°C at application), correct film thickness and appropriate drying techniques/conditions. Opaque coatings with calcium carbonate (chalk) fillers can cause coating blistering on Accoya and must be avoided. Please consult your coatings provider.

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9. Coatings should be thoroughly cured in a moisture and temperature controlled environment and in line with coating manufacturers guidelines. This often involves overnight drying between layers. Control is particularly important in colder months. Coated Accoya should be stored on site as per coating manufacturers guidelines.

10. It is strongly recommended to use corrosion resistant hardware with Accoya products. However, applying 3 layers of paint behind hardware that may be prone to corrosion helps to create an isolation barrier between it and the wood. It is also good practice to spray inside any lock housings and apply end grain sealer. Please see the Accoya Wood Information Guide Section 9.

COATING SUPPLIERS

In UK & Ireland

The following companies have informed Accsys of testing they have done using their coating products and Accoya with good performance.

The following is a non-exhaustive list of companies that may be able to supply coatings products for use with Accoya. Please see the Accoya Wood Information Guide for application considerations.

Please note that we have not independently verified all such test data produced by the below companies and therefore make no representation as to suitability of a particular company's product for use with Accoya nor do we accept any liability for loss arising from use of any such product.

Anker Stuy Coatings UK Ltd	Emile Stuy Tel: +44 (0) 1733 215444
Remmers (UK) Ltd	Richard Walker Tel: +44 (0) 7731 086979
AkzoNobel (Sikkens)	Zac Jepsen Tel: +44 7721 451520
Teknos GBI	Steve Ashton Tel: +44 (0) 1869 208005
Zinsser	Joanne Wallace Tel: +44(0) 1914 113140

Please note: coating formulations vary per manufacturer and processes vary depending on the application equipment used and the end-product design. Formulations of some manufacturers' products vary by geography. Despite Accoya wood's excellent compatibility, we highly recommend having the coating manufacturer involved in the process as they have in-depth knowledge of their products, suitable application techniques and how to determine the performance of the finished product.

For further information and support, please be sure to contact your coatings manufacturer.
Accsys Sales or Technical Sales Managers are also on hand to offer additional support and may be contacted at sales@accsysplc.com.
Additional related references available at accoya.com.

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