

WORKING WITH MUTO

USE GUIDELINE SUMMARY FROM MANUFACTURER

HANDLING & STORAGE

Variance in the moisture content of recon based veneer products can occur based on the humidity levels and other conditions of storage. Dooge recommends maintaining relative humidity levels between 40 and 80% (at a reference temperature of 68 degrees Fahrenheit). Flat storage at least 8-10" off the ground with protection from direct and indirect light is recommended. All contact with water or other liquids should be avoided.

PROCESSING

Gluing with Urea Glues

Recon base products can be glued to all wood surfaces with urea glue. The different surfaces must be tested and analyzed on a individual basis. The amount of adhesive required per square meter depends on the nature and thickness of the substrate, the veneer structure (longitudinal wood, root wood, etc.), the veneer thickness and the contact pressure. We generally recommend not to use more than 150 g/qm adhesive at a contact pressure of 1.5 to 5 bar. The recommended temperature for veneering is between 85°C and 120°C. The adhesive can be mixed with organic or inorganic binders to influence its rheological properties. This prevents the veneer from penetrating through the layers. Products with the Linde base wood should be glued to the corresponding substrate with at least 120-140 g/sq.m. urea adhesive.

Sanding

Single Fineline strips, which are plaited to MUTO GRID, are pre-sanded. The sanding process is performed with grain sizes of 100, 120 and 150.

Varnishing

As with all other types of wood, MUTO GRID must be varnished with a suitable product. The selected varnish should be able to preserve the wood in the best possible way and protect it from chemical and physical decomposition (light ageing, thermal decomposition) and from mechanical damage (scratches, shocks, etc.) MUTO GRID can be stained without any particular problems, which is even expressly recommended for better lightfastness. MUTO GRID can be painted with all products and methods recommended for wood treatment. However, the best results are obtained with products that have the following characteristics:

- High degree of wettability
- Strong anti-yellowing properties
- High UV protection factor

In the case of water-based varnishes, care should be taken to ensure that the product has a certain stability at an acid pH value (4 to 6), as is the case with products specially developed for acid hardwood. It is highly recommended to follow the manufacturer's instructions and test the varnish before varnishing.

For more information consult your Dooge Sales representative.