

Performance Specification

1.1 *Materials – General Considerations*

- 1.2 All materials to be durable and maintainable.
- 1.3 All materials to be inert and stable, proven for safe contact with objects without releasing corrosive or tarnishing vapour. All materials for case interiors to be selected from NML's approved list where possible. For any other materials not on the list, product data, samples (if required) and documented proof of material being passed 'Permanent' by Oddy Testing to be supplied to NML for evaluation.
Oddy Tests take a minimum of 4 weeks for a result. As some materials can fail material testing, alternatives require selecting and further testing may be required, the programme must take this time requirement into account.
- 1.4 Safety data sheets for all materials used should be approved by NML prior to manufacture.
- 1.5 Minimum periods required for curing/off-gassing before installation of any materials into case:

• adhesives	4 weeks
• glazing, water based paints + varnishes	2 weeks
• sealants	1 week

2. *Case Plinths*

- 2.1 NML approves of three primary methods of interior construction:
 - Forrex™ or Foamalux™ PVC rigid board, minimum thickness of 19mm for load bearing and structural requirements and in agreement with NML. Where paints are used, as agreed with NML (see plinth schedule) these should be approved water based emulsion paints applied to a pre-"keyed" surface. Only primers approved by NML to be used, where these are appropriate, for use on Forrex™ or Foamalux™ PVC rigid board and approved 'Permanent' by Oddy Testing and in agreement with NML
 - Formaldehyde free MDF (e.g. ZF MDF) coated with four coats of Dacrylate™ (or agreed alternative) water based (non-V.O.C. emitting) acrylic lacquer which is approved 'Permanent' by Oddy Testing and in agreement with NML.
- 2.2 A sample of the plinth should be provided to NML at the outset of contract for approval.