

MiroPlex MDO is Miro's Medium Density Overlay product for concrete shuttering, offering excellent surface finish, performance and a high re-use factor.



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| Certifications | <ul style="list-style-type: none"> • FSC Mix 95% • ISO 9001 • CE/UKCA |
| Core | <ul style="list-style-type: none"> • Full hardwood core, all plantation-grown • Eucalyptus spp, Acacia mangium, Gmelina arborea |
| Panel Construction | <ul style="list-style-type: none"> • 13/11/9/7/5 plies • Technical Class EN636-3 S • Approx 680kg/m³ |
| Bonding and Emissions | <ul style="list-style-type: none"> • Bonding EN 314-2: Class 3 (BWP, Phenolic glue) • Formaldehyde Release EN 717-2: E1 |
| Standard Sizes | <ul style="list-style-type: none"> • Width: 1,220mm or 1,250mm • Length: 2,440mm or 2,500mm • Thickness: 21mm/18mm/15mm/12mm |
| Size Tolerances | <ul style="list-style-type: none"> • Width/Length: +/- 1.0mm per meter • Squareness: +/- 1.0mm per meter of diagonal length • Thickness: EN 315:2000 (+/- 5%) |
| Surface and Performance | <ul style="list-style-type: none"> • Medium Density Overlay surface - matt finish • MDO surface on 1 or 2 working sides - alternate side will be 130g/m² phenolic film face if not MDO • Edge color: Black • 15-25 uses, dependent on storage and use conditions |
| Mechanical Properties | <ul style="list-style-type: none"> • Parallel to grain - F30/E90 • Min. bending strength (MOR): 45N/mm² • Mean modulus of elasticity (MOE) : 8100N/mm² • Perpendicular to grain - F30/E50 • Min. bending strength (MOR): 45N/mm² • Mean modulus of elasticity (MOE): 4,500N/mm² |
| Packaging | <ul style="list-style-type: none"> • Packed on pallets with metal/plastic straps, suitable for forklift loading • Thin plywood packaging • Min 36m³ per 40ft container |





