

# 500ml White BioBoard Takeaway Base

Product: 500ml White BioBoard Takeaway Base

SKU: BB-LB-500-W

URL: <https://www.sipandpak.com.au/product/500ml-white-bioboard-takeaway-base/>

## BioPak specification

|                        |                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit weight (g)        | 16.0                                                                                                                                                                                                                                            |
| Packaging type         | Container                                                                                                                                                                                                                                       |
| Raw material           | Paper - FSC(TM) Mix certified paper - Bioplastic - PLA lining/coating                                                                                                                                                                           |
| Lining                 | Bioplastic - PLA                                                                                                                                                                                                                                |
| Home compostable       | Pending Certification to AS5810 Australian Standards, Pending Certification to NF T51-800 European Standards                                                                                                                                    |
| Industrial compostable | No                                                                                                                                                                                                                                              |
| Recyclable             | Not Recyclable                                                                                                                                                                                                                                  |
| Certifications         | Home compostable: Pending Certification to AS5810 Australian Standards, Pending Certification to NF T51-800 European Standards · Environmental production certified: ISO 14001 · Factory food safety certified: BRC, ISO 22000 · FSC (material) |
| PFAS                   | Not applicable                                                                                                                                                                                                                                  |

## Impact estimate (500 units/week x 52 weeks)

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Annual units                           | 26,000                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Format benchmark                       | Takeaway container (category average)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Industry benchmark                     | Takeaway container (category average)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sustainable unit mass (g)              | 16.0                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Conventional unit mass (g)             | 22.0                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Fossil polymer saved (kg/year)         | 520.00                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Mass saved (kg/year)                   | 156.00                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Polymer reduction (%)                  | 100.0                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mass reduction (%)                     | 27.3                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Conventional packaging total (kg/year) | 572.00                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sustainable packaging total (kg/year)  | 416.00                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Confidence                             | High                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Data source                            | sku                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sustainability highlights              | Paper - FSC(TM) Mix certified paper - Bioplastic - PLA lining/coating; Pending Certification to AS5810 Australian Standards, Pending Certification to NF T51-800 European Standards; Home compostable: Pending Certification to AS5810 Australian Standards, Pending Certification to NF T51-800 European Standards · Environmental production certified: ISO 14001 · Factory food safety certified: BRC, ISO 22000 · FSC (material); Recyclable: Not Recyclable |

## Methodology

Equivalent Format Comparison (EFC): BioPak specification unit mass vs industry conventional packaging mass for the matched format, plus fossil polymer estimate using typical PE/PS/PP fractions. SKU BB-LB-500-W weight from BioPak specifications. Indicative estimate only - not a certified life-cycle assessment (ISO 14040/14044). Compares BioPak published unit masses to conventional equivalent-format benchmarks used in Australian foodservice (PE-lined cups, PP clamshells, PS lids). For procurement reporting, request substantiated SKU documentation from Sip and Pak. Typically within  $\pm 15\%$  for fossil polymer estimate when a BioPak SKU and format benchmark both match.