The First Smart Pallet

RM2ELIoT. Integrated into the fabric of the BLOCKPal

The fully integrated BLOCKPal™ will now enhance both pallet and supply chain security. RM2ELIoT (Electronic Link to the Internet of Things) grants unprecedented access to pallet visibility, providing data for segments of the supply chain not yet captured. This provides cloud-based data that will allow you to perform quicker recalls, reduce the threat of pallet loss or theft, decrease your carbon footprint and save money.

RM2ELIoT. Connecting your Supply Chain to the Internet of Things

- 10 Year ZERO maintenance life span with environmentally sealed electronics, designed for rugged sub-zero environments.
- Fully integrated passive RFID with no recharging of batteries or external infrastructure required.
- Accurate monitoring of assets with far-reaching traceability and connectivity across multiple regions.
- Cloud-based data platform, with the option to securely connect to existing IT infrastructure or a fully featured bespoke system.

RM2ELIoT. Uniquely leverages features of the BLOCKPal

- BLOCKPal’s robust construction allows secure, safe and hygienic integration of RM2ELIoT within the pallet.
- BLOCKPal’s longevity allows continued utilization of RM2ELIoT within the ever-expanding Mobile IoT network.

Additional Features & Benefits

- ROUNDED CORNERS IDEAL FOR SHRINK-WRAP
- ANTI-SLIP COATED SLATS OFFER GREATER COEFFICIENT OF FRICTION
- MEMORY COMPOSITE MATERIAL
- ISO 8611-2011 Tested
- RM2ELIoT EMBEDDED
- NON-PORE MATERIAL RESISTANT TO MOISTURE & BACTERIA
- 4-WAY ENTRY BLOCK PALLET

www.rm2.com | 1.844.779.9858 | Twitter: @rm2pallets | LinkedIn: RM2 Total Pallet Solution
**BLOCKPal Composite Pallet Technical Specifications**

**TOP DECK**

48 in (1219 mm)  
40 in (1016 mm)  
5 in (127 mm)  
56.7 lbs. (25.71 kgs.)

**BOTTOM DECK**

**PROFILE**

Crucifix

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### Technical Specifications

- **Length**: 48” (1219 mm)  
- **Width**: 40” (1016 mm)  
- **Height**: 5” (127 mm)  
- **Weight**: 56.7 lbs. (25.71 kgs.)  
- **Fork Tine Opening (H)**: 3.75” (91.44 mm)  
- **Fork Tine Opening (W)**: 15.75” (400.05 mm)  
- **Color**: Black Slats, Yellow Legs  

### Deck Details

- **Anti-Slip Coating**: Top Deck, Underside of Top Deck  
- **Number of Slats**: 11 Top Deck, 3 Bottom Deck

### Temperature Range

- **Minimum**: -40°F (-40°C)  
- **Maximum**: 176°F (80°C)  
- **No creep from temperature change**

### Load Capacity

- **Static Rating**: 12,000 lbs. to 60,000 lbs.  
- **Dynamic Rating**: Greater than > 5,600 lbs.  
- **Rack Support Rating**: Greater than > 5,100 lbs.

*The above figures have been halved to ensure a safety factor is applied as per ISO 8611-2011. Nominal load calculated based on the allowable deflection values published in ANSI MHI-2005.

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**Performance and Standards**

Tested by Virginia Tech Center for Packaging and Unit Load Design in accordance with ISO 8611-2011 Pallets for Materials Handling-Flat Pallets-Nominal Load.  
Conditions of usage tested by Virginia Tech Center for Packaging and Unit Load Design in accordance with ISO 8611-2011 Pallets for Materials Handling-Flat Pallets-Nominal Load.  
Static load tested by Virginia Tech Center for Packaging and Unit Load Design in accordance with ISO 8611-2011 Pallets for Materials Handling-Flat Pallets-Nominal Load.  
Dynamic Load of usage tested by Virginia Tech Center for Packaging and Unit Load Design in accordance with ISO 8611-2011 Pallets for Materials Handling-Flat Pallets-Nominal Load.  
Edge Rack Load of usage tested by Virginia Tech Center for Packaging and Unit Load Design in accordance with ISO 8611-2011 Pallets for Materials Handling-Flat Pallets-Nominal Load.

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