

Pallet Analysis

Best Pallet Version 3.3.1o*



Prepared By: White and Company LLC

Company: Cal Poly

Analysis ID: SA pine mango pallet V 2

Address:

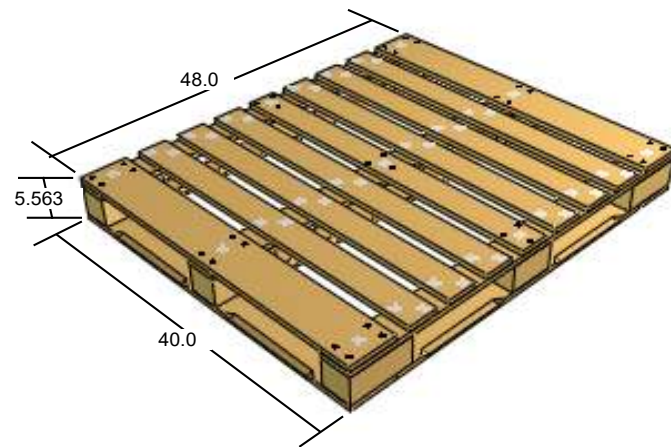
Date: Oct 12, 2017

San Luis Abispo

Pallet Information: 48.0 in L x 40.0 in W, Weight - 47.8 lbs, HT for Export, Single-Use

Pallet Description: 4Way, DoubleFace, Non-reversible, Block pallet, Chamfered

Pallet Lumber: Ponderosa Pine



Analysis Summary

Required Payload: 2600 lbs

Predicted Maximum Safe Load: 2746 lbs

Load Variability: Low

Analysis

Storage and Handling Conditions	Predicted Maximum Safe Load (lbs/lbs)	Initial Average Deflection (in/in)	Critical Members
Forktine Parallel to Length	8221	0.3	Top Deckboard
Forktine Perpendicular to Length	2746	0.55	Top Stringer
Stacked 1 High	6757	0.14	Top Stringer

Forktine spacing = 14.25, length = 42.0, and width = 5.0

Disclaimer: The performance estimates of Best Pallet represent the best available engineering information compiled to date. However, the quality of workmanship, the input data, and the conditions in which pallets are used may vary widely. Therefore, White & Company, LLC cannot accept responsibility for pallet performance or design as actually constructed. Performance estimates from Best Pallet should be verified by testing of prototypes prior to implementation.