ISO 8611 Pallets for Materials Handling â€“ Flat Pallets â€“ Part 1: Test Methods â€“ Corner Drop Test/ Testing Equipment

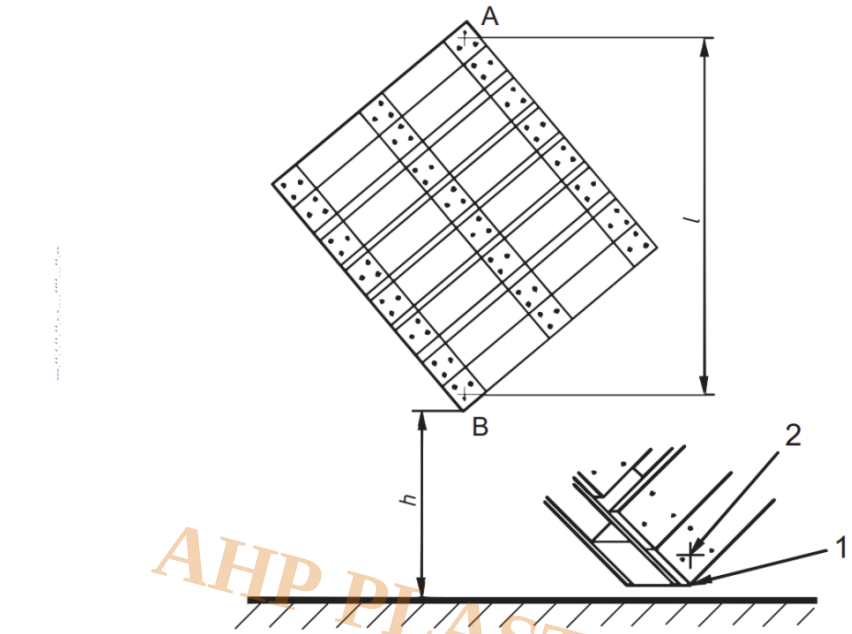
Description

8.9 Test 9 â€” Corner drop test
8.9.1 Purpose
The purpose of this test is to determine the diagonal rigidity of the top deck of the pallet and its resistance to impact.

8.9.2 Procedure
Mark the two measuring points, A and B, as shown in Figure 9 at approximately 50 mm from the corners of the pallet. While suspending the pallet as shown in Figure 9, drop the pallet freely on to its top deck corner edge from a height, h, on to a hard horizontal impact surface. Whenever possible, carry out the drop three times, always on the same corner and from the same height.
NOTE: For asymmetric pallets, it is necessary for the tester to make a judgement as to the orientation of the pallet before dropping.

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8.9.3 Measurement
The length of diagonal, l, shall be measured before the first and after the third drop. Any damage shall be
noted.



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Key

1 pallet corner
2 measuring point
h height (fall)
l length of diagonal

Figure 9 — Corner drop test



Drop Tester for Pallets According to ISO 8611

- Digital display of drop height
- Height adjustment of up to 4000 mm
- Pneumatic release of pallet
- Safety cage around the test zone 3*3m (is as option-will be quoted separately)

Category

1. Equipment for Standards
2. Standards

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