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SAIA Guidelines on Purchasing Inner Access Decks (Hatch Decks)

Description: Inner Access Decks (Hatch Decks) – *A platform unit designed and constructed to carry at least one person and allow access from the scaffold level below by opening a hatch embedded in the deck. Inner Access Decks are equipped with end hooks that engage the scaffold bearer, a hatch for access and may contain an integrated ladder. Inner Access Decks are generally rated for uniformly distributed loads.*

Items that should be considered when using this checklist as a tool for making purchasing decisions.

- Ultimately, the purchasing decision comes down to the purchaser. **This list is not intended to be used as a "Pass/Fail"**, but rather to arm plank purchasers with an aid in the decision making process.
- Inner Access Decks covered in this list are those intended for spans of 10' or less. For solid sawn wood planks or engineered wood planks, refer to the appropriate SAIA purchasing guidelines.
- Only those items that are listed in **bold** and have an underlined reference are regulated. Other items in this list are based on best known practices within the industry.
- Many of these items have a "Yes" or "No" answer. However, many of them are not as simple as that. Certain quality management systems may have greater merit than others. As such, it is advisable to understand the manufacturer's quality assurance process rather than just if it exists.
- All items should be checked. Address any unchecked items with the manufacturer or supplier.
- Questions may arise; it is recommended that the buyer contact their manufacturer and the SAIA directly for answers.

Physical/Mechanical Properties:

- ☐ ***Each Inner Access Deck shall be capable of supporting at least one person or a uniformly distributed load of 25 pounds per square foot. ANSI A10.8-2011 5.3.1***
- ☐ Maximum Spans for Inner Access Decks shall be as recommended by the manufacturer based on the maximum intended load.
- ☐ ***Each Inner Access Deck shall meet the capacity requirement by following provisions in section 5 of ANSI A10.8-2011, Paragraph 5 of OSHA 1926.451(a(1)).***
- ☐ ***Metal Inner Access Decks shall incorporate a slip resistant surface. ANSI A10.8-2011 5.3.6.***
- ☐ ***Inner Access Decks*** may have built-in device to prevent uplift, where applicable.
- ☐ ***Each Inner Access Decks shall be equipped with bearer hooks that shall permit the deck to rest on and engage the bearer members of the scaffold. ANSI A10.8-2011 5.3.2***
- ☐ The decking surface may optionally be recessed below the top surface of the side rails. ANSI A10.8-2001 5.3.5.
- ☐ **Inner Access Decks shall be of sufficient width *and the maximum clearance between the decking and each side rail and between slats shall not exceed 1 inch ANSI A10.8-2011 5.3.4*.**
- ☐ Inner Access Decks may have separate or integrated ladder.
- ☐ Inner Access Decks shall have a hatch for access through deck.

Manufacture:

- ☐ ***Inner Access Decks shall be of a tested design.*** ***ANSI A10.8-2011 5.3.8***
- ☐ When applicable, corrosion protection shall be applied in the manufacturing process (steel-galvanization).
- ☐ Proper welding techniques are used to adhere to published capacities.
- ☐ Hooks should be of design and material to minimize fatigue-related problems.
- ☐ The Inner Access Deck is manufactured under a quality management system (e.g. ISO 9001).

Identification:

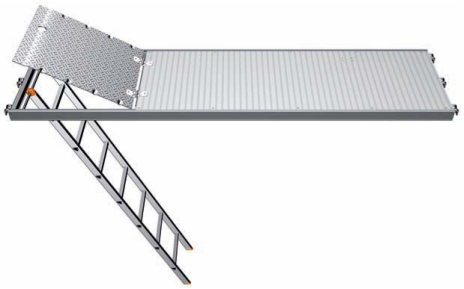
- ☐ ***Inner Access Decks shall be marked and identified by rated working load.*** ***ANSI A10.8-2011 5.3.7.***
- ☐ Manufacturer is identified on deck.

Literature:

- ☐ Tables indicating maximum span are published by the manufacturer consistent with industry-accepted criteria.
- ☐ Product name on literature matches product name on Inner Access Decks.
- ☐ Literature includes manufacturer recommendations on the following:
  - Proper storage and handling
  - Visual inspection
  - Mechanical evaluation

Manufacturer/Supplier:

- ☐ The manufacturer/supplier to supply a certificate of insurance upon request.
- ☐ The manufacturer/supplier to supply a certificate of Quality and Production Process control.
- ☐ The manufacturer/supplier is an active member in SAIA, Scaffold Shoring Forming Institute and/or other industry trade or professional associations.
- ☐ The manufacturer/supplier has ability to respond to technical questions and field problems.



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